

Jim Zokan

Addition to Existing ADU

1401 Roosevelt Avenue McCall, Idaho 83638



PROJECT TEAM

ARCHITECT:

EPIKOS LAND PLANNING + ARCHITECTURE 303 Colorado Street McCall, Idaho 83638

PHONE: 208-634-4540

CONTACT: DAVIS SMITH dsmith@epikosdesign.com WAYNE RUEMMELE wruemmele@epikosdesign.com

CONTRACTOR:

TIMELESS CONSTRUCTION 349 N. Main Street McCall, Idaho 83638

PHONE: 208-315-5144

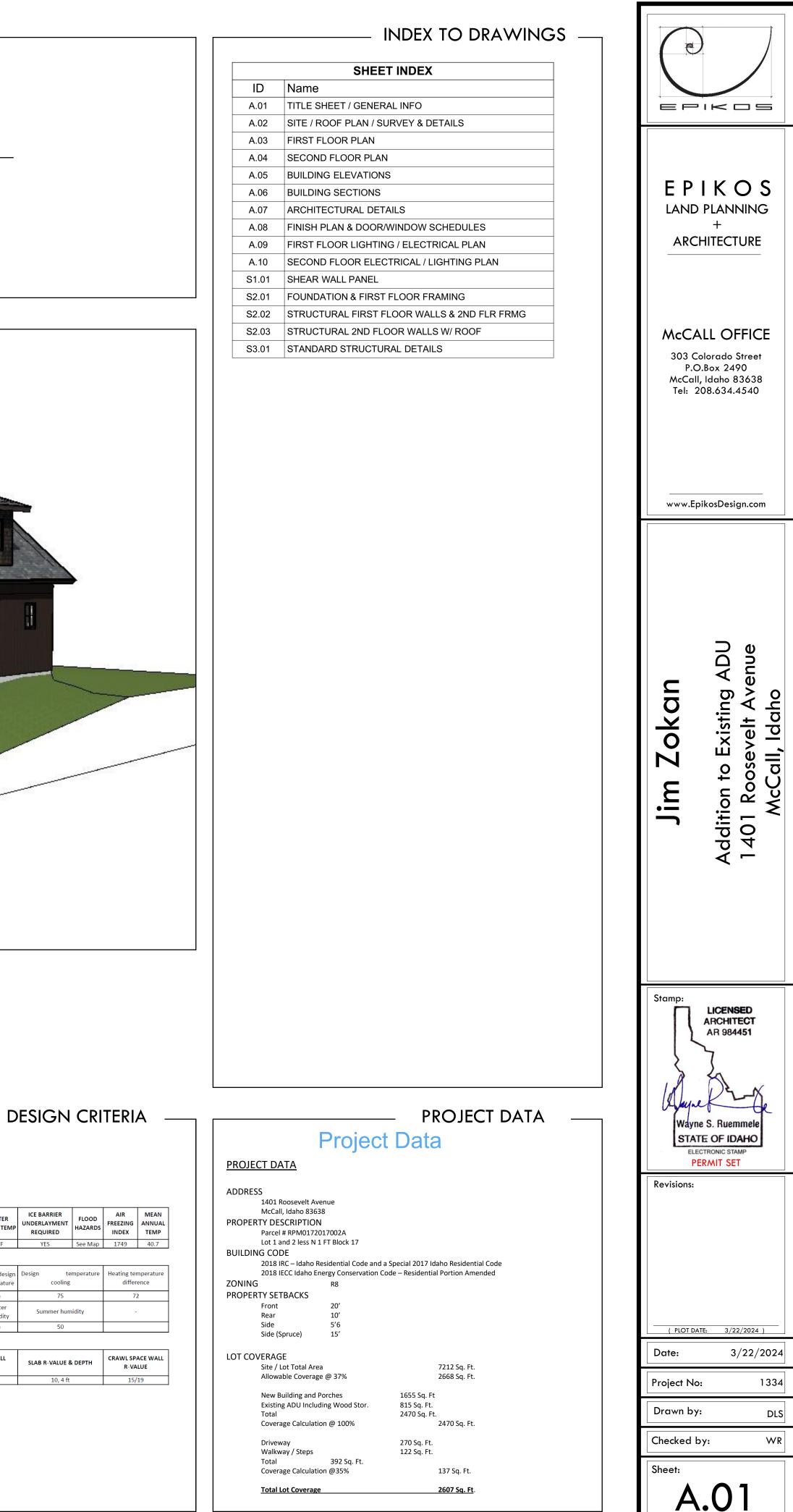
CONTACT:

AARON & ROSE CRAMBLETT

• **Snow Load:** 150 lbs/sf ground (minimum 120 lbs/sf roof)

 Seismic: D • Wind: 115 mph (or per IBC) - Exposure B • Frost Depth: 24 inches

| GROUND | | WIN | D DESIGN | | SEISMIC | SUBJECT 1 | O DAMAGE | FROM | | ICE BARRIER | |
|--------------|---|------------------------|--------------------------|---------------------------|--|---------------|---------------------|----------------|------------------------------|--------------------------|------------------|
| SNOW LOAD | Speed (mph) | Topographic effects | Special wind region | Wind-borne debris zone | DESIGN CATEGORY | Weathering | Frost line depth | Termite | WINTER DESIGN TEMP | UNDERLAYMENT REQUIRED | FLOOD HAZARDS |
| 150 | 115 | NO | NO | NO | D | - | 24" | - | -2° F | YES | See Map |
| | | | | | M | ANUAL J DESIG | GN CRITERIA | | | | |
| | Elevatior | 1 | Latitude | Winter heating | Summer cooling | Altitude | correction f | actor | Indoor design temperature | Design te cooling | mperature |
| | 5020 N4454 -2 83 | | | 0.85 | | 70 | 75 | | | | |
| Cooling t | emperatur | e difference | Wind velocity heating | Wind velocity cooling | Coincident wet bulb | C | aily range | | Winter humidity | Summer hum | nidity |
| | 8 | | 15 | 7.5 | 58 | | 33 (H) | | 50 | 50 | |
| | | | | E | NERGY CODE | REQUIREMEN | TS (SEE TAB | LE R402.1.2 | 2) | | |
| CLIMATE | IATE ZONE FENESTRATION U-FACTOR CEILING R | | -VALUE | | WOOD FRAME WALL BASEMENT WALL R-VALUE R-VALUE | | | SLAB R-VALUE 8 | & DEPTH | | |
| 6 | 6 0.3 49 | | | 22 (or 1 | 22 (or 13+5) 15/20 | | 10, 4 ft | | | | |



2024 EPIKOS

1401 ROOSEVELT McCALL, IDAHO 7,212 SQ. FT.

- THERE WILL BE A SLIGHT OVER EXCAVATION TO PROVIDE CONCRETE FORMING ALL AROUND NEW STRUCTURE.

- PROVIDE COUNTY/CITY APPROVED SEDIMENT FENCING AROUND EXCAVATEDAREA PRIOR TO EXCAVATIONAND CONSTRUCTION.
- PROVIDE COUNTY/CITY APPROVED STABILIZED GRAVELED CONSTRUCTION ENTRANCE PRIOR TO EXCAVATIONAND CONSTRUCTION.

- CONTRACTOR/ SUB-CONTRACTOR TO VERIFY LOCATION OF ALL UTILITIES PRIOR TO EXCAVATIONAND CONSTRUCTION.

- BOUNDARY AND TOPOGRAPHY INFORMATION HAS BEEN PROVIDED TO STEVE LOCKWOOD DESIGN STEVEE LOCKWOOD DESIGN WILL NOT BE HELD LIABLE FOR THE ACCURACY OF THIS INFORMATION, IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR /OWNER TO VERIFY ALL SITE CONDITIONS INCLUDING FILL PLACED ON SITE.

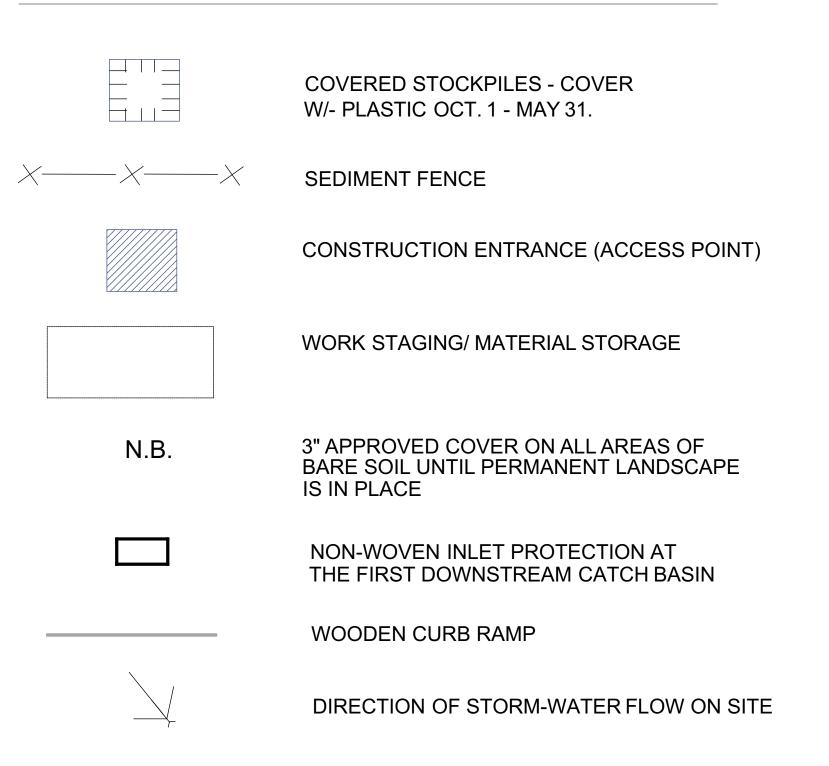
- ELEVATION LEGEND:

EE= EXISTING GRADE ELEVATION

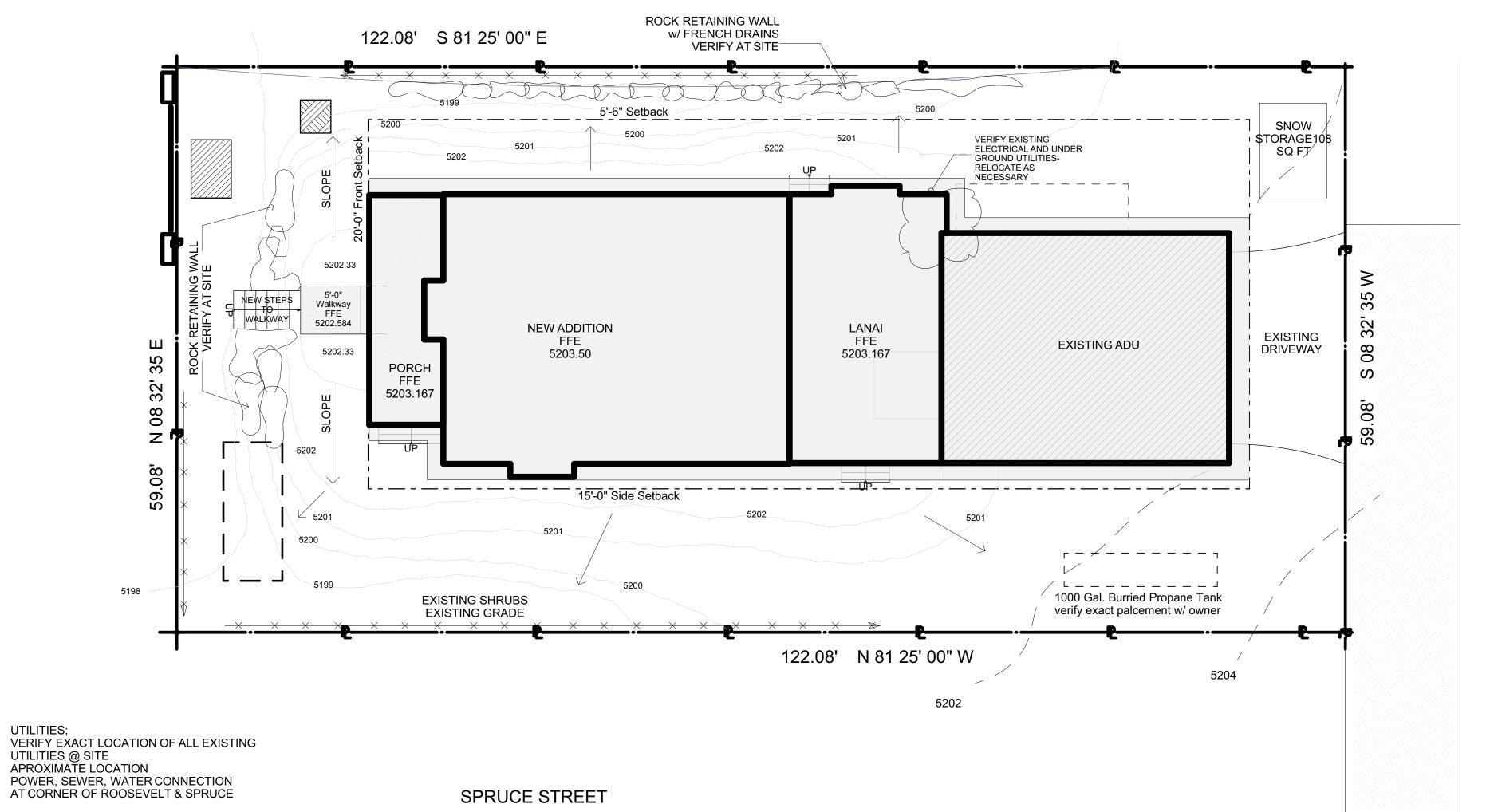
- PROVIDE A 4" MINIMUM GRAVEL BASE UNDER ALL SIDEWALK AND PATIO AREAS.
- PIPE ALL STORM DRAINAGE FROM THE BUILDING TO A COUNTY/CITY DISPOSAL POINT/CONNECTION.
- MAXIMUM SLOPE OF CUTS AND FILLS TO BE TWO (2) HORIZONTAL TO ONE (1) VERTICAL FOR BUILDINGS, STRUCTURES, FOUNDATIONS, AND RETAINING WALLS.

- PROVIDE AND MAINTAIN FINISH GRADE WITH POSITIVE DRAINAGE AWAY FROM STRUCTURE ON ALL SIDES WITH A SLOPE OF 6" MINIMUM IN 10'-0".

EROSION CONTROL PLAN



-NO STOCKPILES ARE TO BE LOCATED IN THE SIDE SETBACK AREAS.



Note:

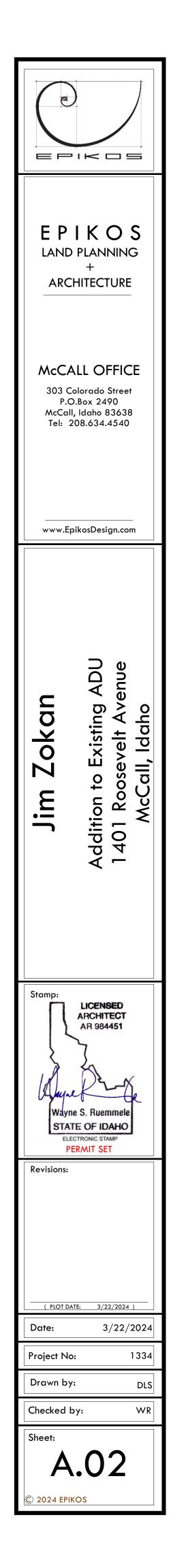
UTILITIES;

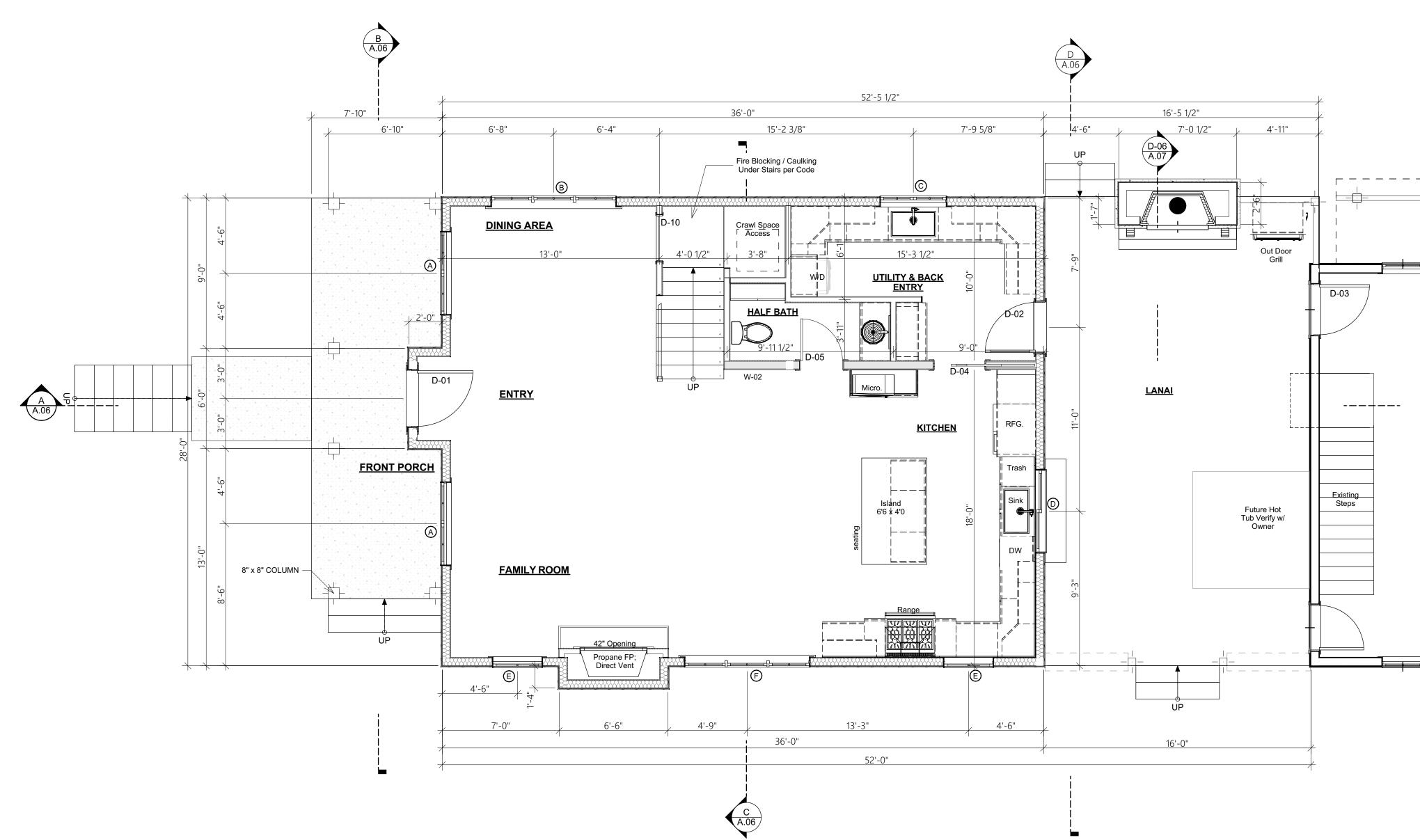
The new grades depicted on the plans are presented as suggestions, acknowledging that existing site conditions may necessitate adjustments. However, it is crucial to adhere to the new grades outlined on the plans, as they establish steps to grade with a maximum of three risers and two treads from porches to the new grade.

The proposed grades serve as a foundation for the design, but may be subject to modification based on on-site conditions. Strive to maintain a maximum of three risers and two treads when implementing grading adjustments from porches to the new grade. It is imperative that the final grades are thoroughly verified by the contractor and/or landscape designer.



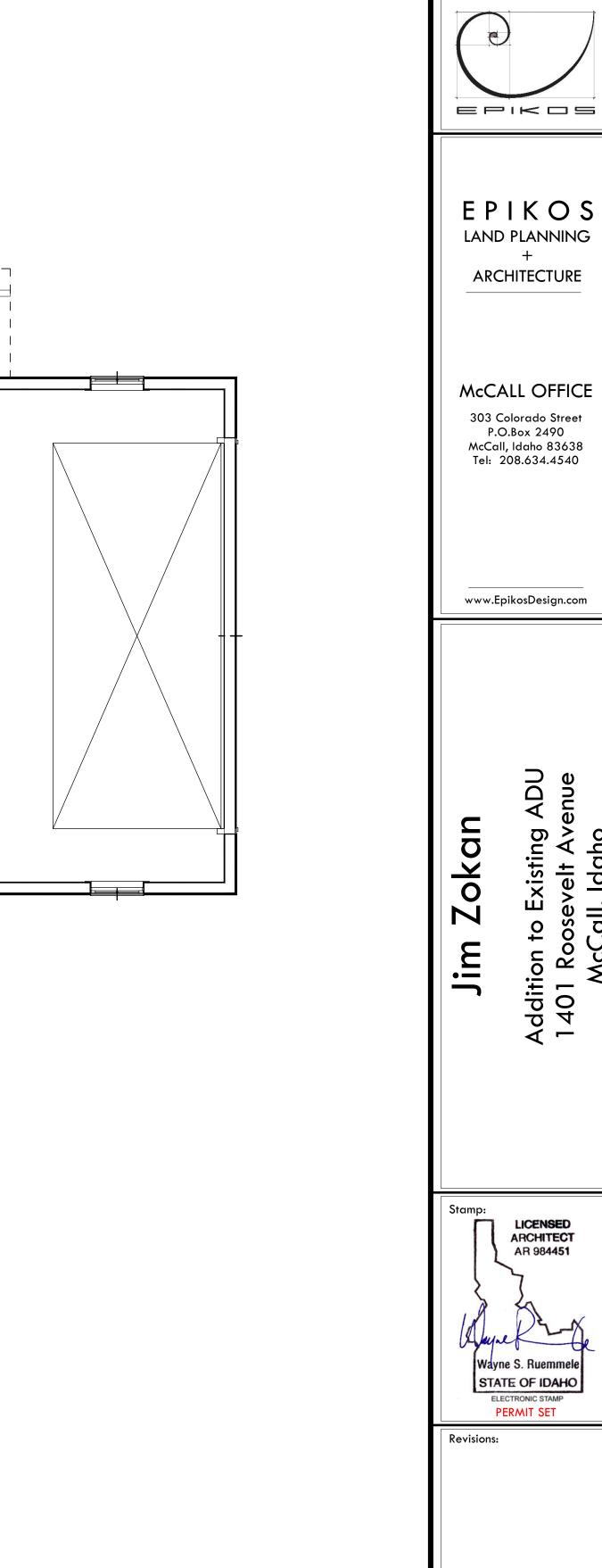
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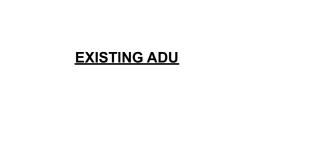


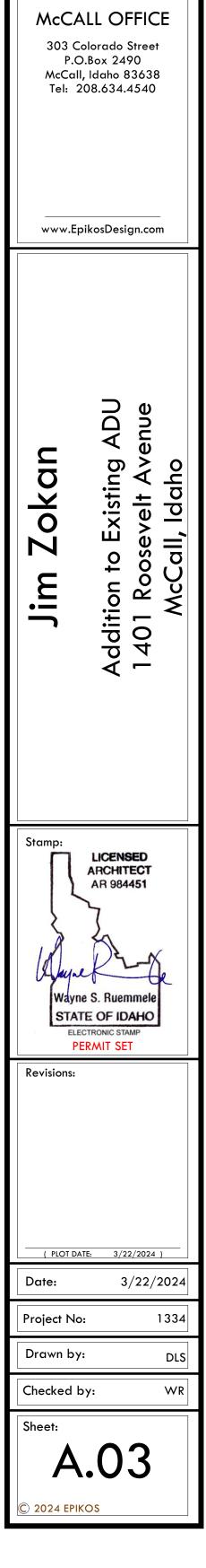


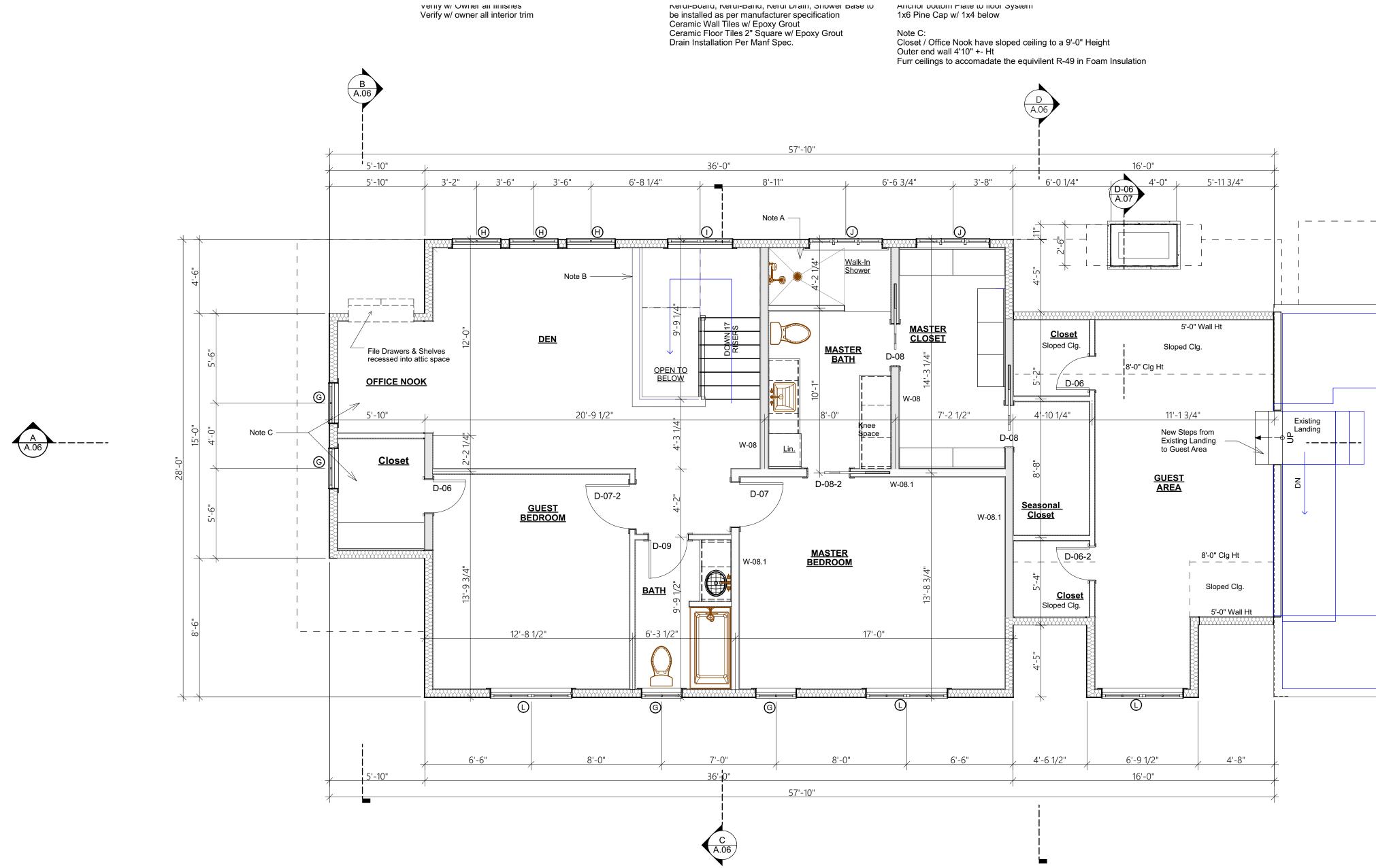


| | | | | WALL TYPE | S | | | |
|--------|-----------|---|---------------------------------|--|---|------------------------------|-----------------------|---------|
| ID | 2D SYMBOL | Construction Type | Structural | Sheathing | Insulation Membrane | Interior Material | Exterior Material | Remarks |
| W-01 | | Exterior Bearing Walls | 2x6 HF #2 Stud Wall @ 16" OC | 7/16" OSB Sheathing, See Structural | R21 Fibeglass Batt Insulation; House Wrap (Polyolefin Fabric) | 1/2" Gyp Board | Board & Batten Siding | |
| W-02 | | Interior Bearing Walls | 2x6 HF #2 Stud Wall @ 16" OC | | | 1/2" Gyp Board Each Side | | |
| W-03 | | Interior non-bearing walls and partitions | 2x4 DF Stud Wall @ 16" OC | | | 1/2" Gyp Board Each Side | | |
| W-04 | [] | Exterior Bearing Walls | 2x4 DF Stud Wall @ 16" OC | 7/16" OSB Sheathing, See Structural | | | Stone Veneer | |
| W-05 | | Exterior Bearing Walls | 2x6 HF #2 Stud Wall @ 16" OC | 7/16" OSB Sheathing, See Structural | House Wrap (Polyolefin Fabric) | | Stone Veneer | |
| W-06 | | Exterior Bearing Walls | 2x6 HF #2 Stud Wall @ 16" OC | 7/16" OSB Sheathing, See Structural | R21 Fibeglass Batt Insulation; House Wrap (Polyolefin Fabric) | 1/2" Gyp Board | Wood Shake Siding | |
| W-07 | | Interior non-bearing walls and partitions | 2x6 DF Stud Wall @ 16" OC | | | 1/2" Gyp Board Each Side | | |
| W-08 | | Interior non-bearing walls and partitions | 2x6 DF Stud Wall @ 16" OC | | | 1/2" Gyp Board Each Side | | |
| W-08.1 | | Interior non-bearing walls and partitions | 2x6 DF Stud Wall @ 16" OC | | Sound Proof Batt Insulation | 1/2" Gyp Board Each Side | | |
| W-09 | | Exterior non-bearing walls and partitions | 2x4 DF Stud Wall @ 16" OC | | | 1/2" Gyp Board Each Side | | |
| W-10 | | Exterior non-bearing walls and partitions | 2x4 DF Stud Wall @ 16" OC | | | 1/2" Gyp Board Each Side | | |
| W-10.1 | | Interior non-bearing walls and partitions | 2x4 DF Stud Wall @ 16" OC | 1/2" Tile Backer Board | Tile Water Proofing Membrane | 1/2" Gyp Board; Wall Tile | | |
| W-11 | | Exterior non-bearing walls and partitions | 2x4 DF Stud Wall @ 16" OC | | | 1/2" Gyp Board Each Side | | |

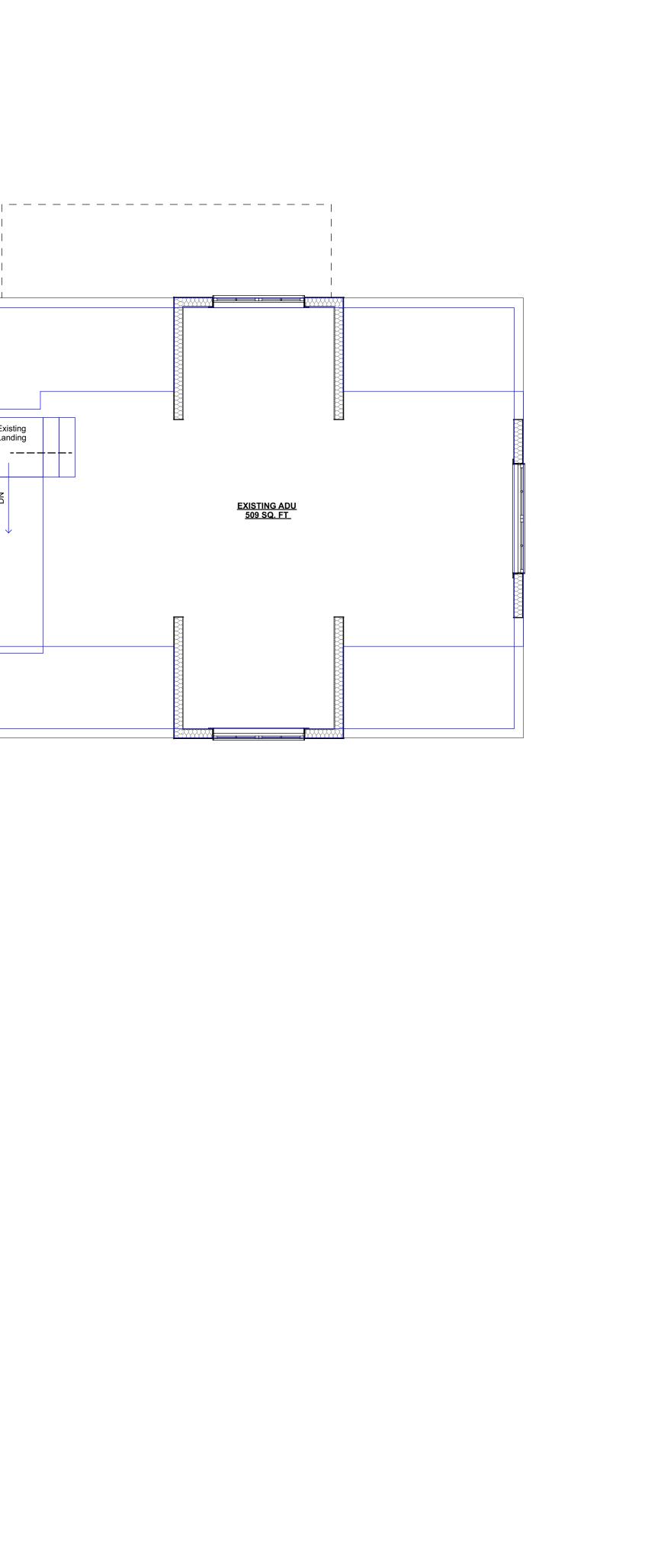


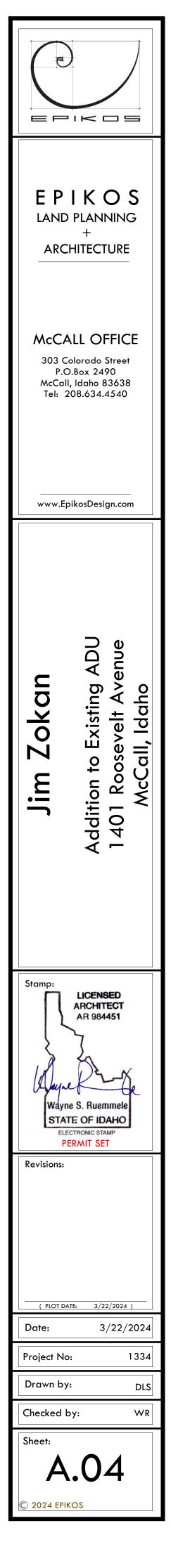




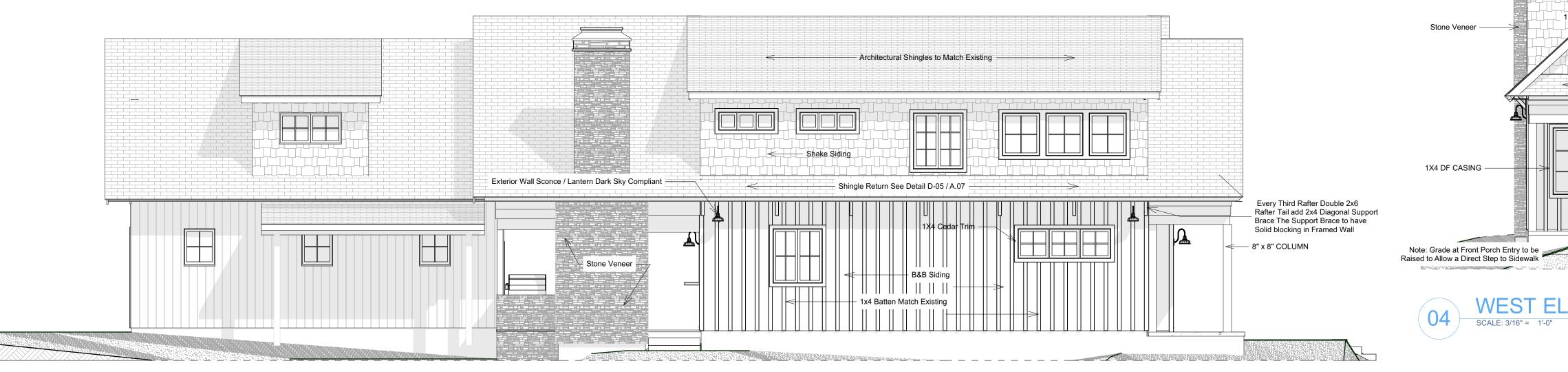
















11. SEE ELEVATIONS FOR ANY ADDITIONAL NOTATIONS THAT MAY BE OF IMPORTANCE. 12. ALL WORK IS TO COMPLY WITH THE LATEST ADOPTED VERSIONS OF THE INTERTERNATIONAL ONE & TWO FAMILY DWELLING CODE, UNIFORM BUILDING CODE OF ANY APPLICABLE STATE, COUNTY OR LOCAL JURISDICTION. 13. PRIOR TO BEGINING CONSTRUCTION, THE PLANS AND SPECIFICATIONS SHALL BE APPROVED BY

ELEVATION NOTES:

2. ROOF PITCH TO BE SHOWN ON PLANS

4. SIDING: SEE ELEVATIONS

ROOFING MATERIAL TO BE: ARCHITECTURAL COMPOSITION PER ELEVATIONS. NAILING PER MANUFACTURED INSTRUCTIONS FOR AN 100 MPH MIN. WIND, 115 MPH WINDS AT 3 SECOND GUSTS MIN.

3. ALL EAVES SIZES TO BE AS SHOWN ON PLANS WITH FACIA TO MATCH EXITING ADU

6. COVERED PORCHES AND EAVE SOFFITS TO BE 1/2* EXT. PLYWOOD OR EQUAL TOO. CAULK ALL JOINTS.

7. EXPOSED CONCRETE WALKS TO BE BROOMED FINISH AS SHOWN ON PLAN. U.N.O. 8. MAXIMUM FOUNDATION EXPOSURE TO BE 24" FROM FINISHED GRADE.

MAXIMUM SLOPE OF CUTS AND FILLS TO BE TWO (2) HORIZONTAL TO ONE (1) VERTICAL FOR BUILDINGS, STRUCTURES, FOUNDATIONS, AND RETAINING WALLS.

10. FINISH GRADE TO BE 1:1 MAXIMUM SLOPE WITH A 6" MINIMUM IN 10'-0" MINIMUM SLOPE AWAY FROM STRUCTURE ALL AROUND.

5. SIDING TO BE SPECIFIED ON PLAN. CAULK ALL CORNER BOARDS, JOINTS, WINDOWS, DOORS AND SURROUNDS.

- THE LOCAL BUILDING AUTHORITY.

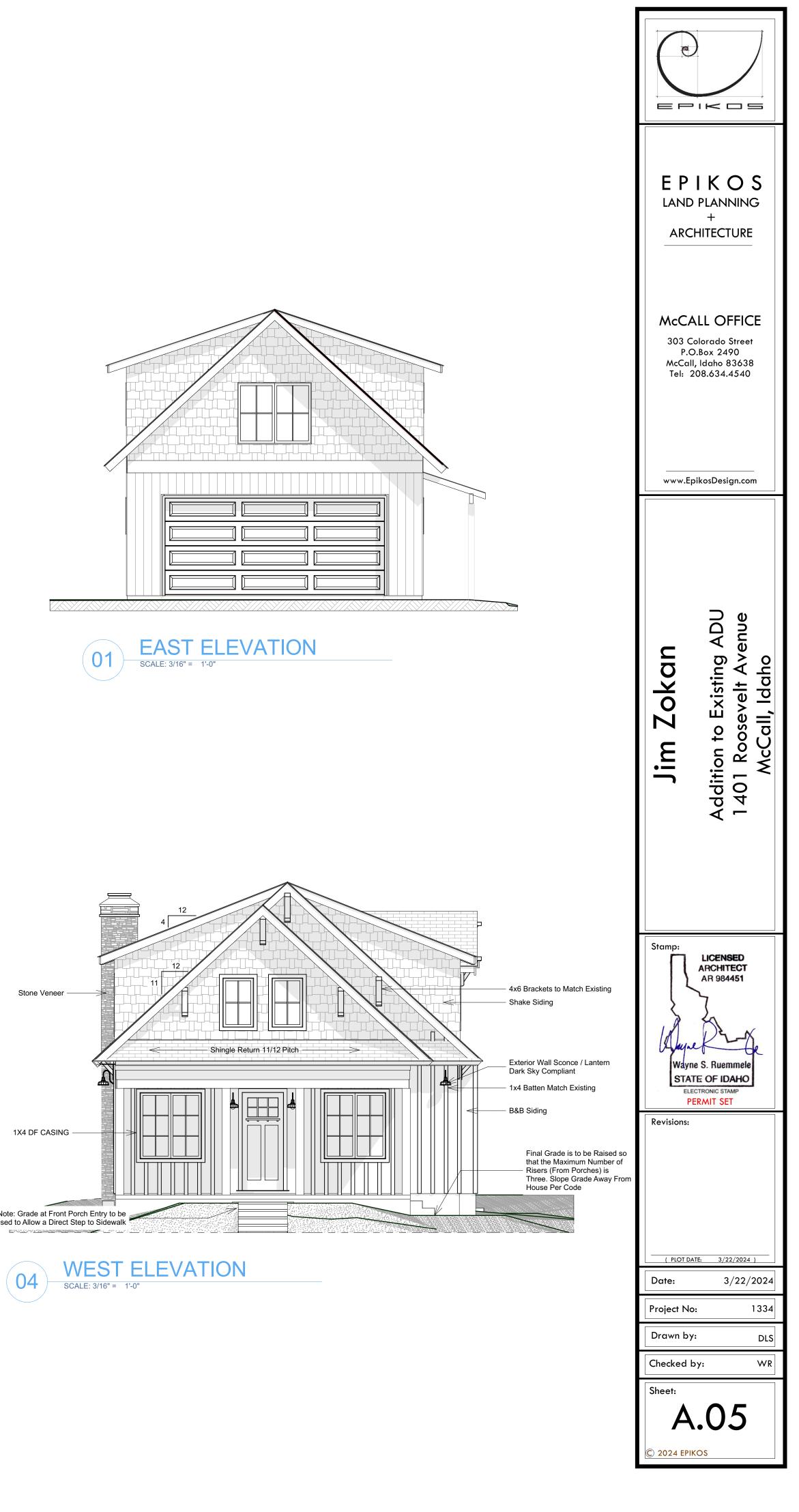
- 14. THE CONTRACTOR IS RESPONSIBLE TO CHECK THE PLANS AND IS TO NOTIFY THE DESIGNER OF ANY ERRORS OR OMISSIONS PRIOR TO THE STARTANDIOR DURING CONSTRUCTION. THE DESIGNER IS NOT RESPONSIBLE FOR CONSTRUCTION MEANS AND METHODS, ACTS OR OMISSIONS OF THE CONTRACTOR ANDIOR SUBCONTRACTOR.
- BUILDING THIS PLAN ON SITE CONDITIONS DIFFERENT FROM THOSE SHOWN ON THE PLANS MAY REQUIRE MODIFIED FOUNDATION AND FRAMING DETAILS. THE CONTRACTOR IS RESPONSIBLE TO REVIEW SPECIFIC SITE CONDITIONS WITH THE DESIGNER BEFORE CONSTRUCTION.

- VERIFY FOUNDATION AND FRAMING DETAILS (WHERE APPLICABLE) WITH MECH., PLUMBING, ELECTRICAL AND OR OTHER SUBCONTRACTORS TO ASSURE PROPER CONSTRUCTION INSTALLATION.
- 17. PLUMBING, ELECTRICAL AND MECHANICAL DIAGRAMS, LAYOUTS AND/OR DESIGN TO BE SUPPLIED BY CONTRACTOR AND/OR SUB-CONTRACTOR.
- 18. ENGINEERED PRODUCTS (ROOF TRUSSES, FLOOR JOISTS) TO HAVE DESIGN, ENGINEERING SPECIFICATIONS AND LAYOUT SUPPLIED FROM MANUFACTURER.
- WRITTEN DIMENSIONS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. DO NOT SCALE THE DRAWINGS. THE CONTRACTOR SHALL VERIFY AND IS RESPONSIBLE FOR ALL DIMENSIONS (INCLUDING ROUGH OPENINGS) AND CONDITIONS ON THE JOB.
- 20. SPECIFIC MANUFACTURERS AND MATERIALS DEPICTED ON THESE PLANS ARE AN INDICATION OF QUALITY AND STRENGTH. VERIFY ALL CONSTRUCTION MATERIAL SUBSTITUTIONS WITH CURRENT APPLICABLE BUILDING CODES AND LOCAL BUILDING OFFICIALS PRIOR TO INSTALLATION/SUBSTITUTION.
- 21. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY VARIATIONS OR DEVIATIONS FROM THE ORIGINAL PLANS WITHOUT WRITTEN CONFIRMATION FROM THE DESIGNER.
- 22. ALL DIMENSIONS AND SQUARE FOOTAGE MAY VARY. 23. THE TYPE OF EXTERIOR FINISH, THE INSTALLATION, AND THE WATERPROOFING DETAILS ARE TO BE THE FULL RESPONSIBILITY OF THE OWNER/BUILDER. THIS DESIGNER ASSUMES NO RESPONSIBILITY OF THE BUILDING ENVELOPE

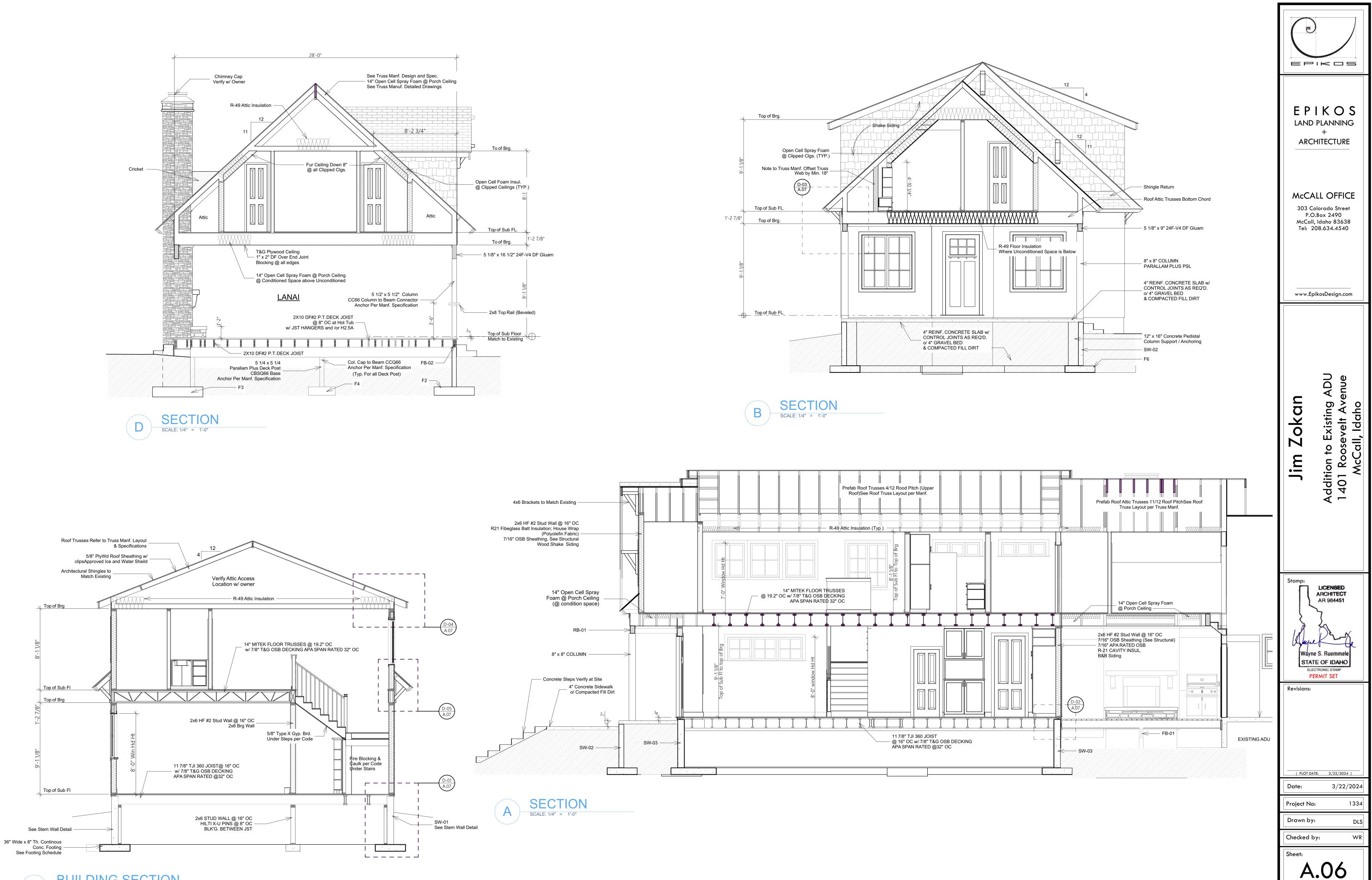
DESIGN LOADS:

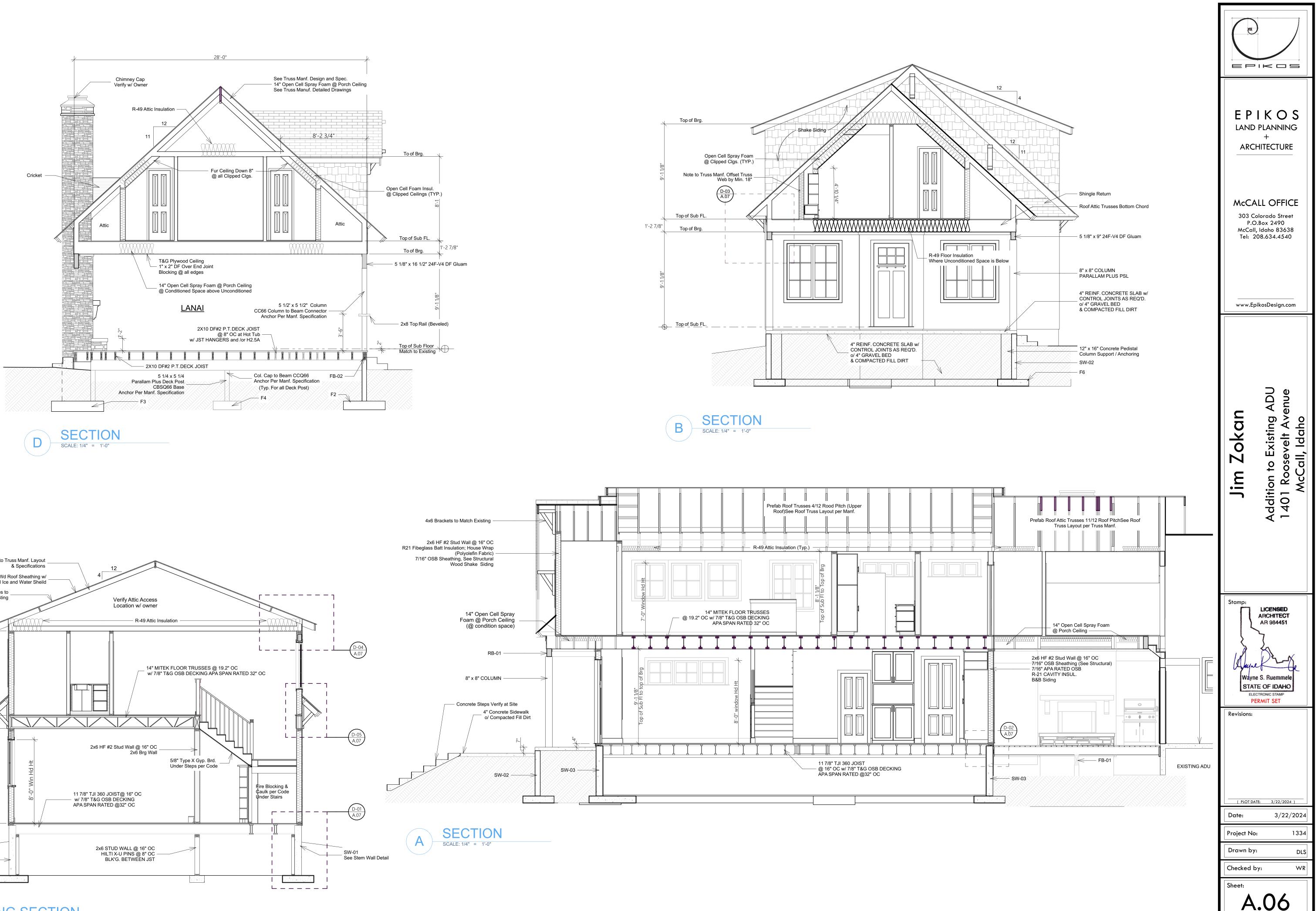
| DEGIGIN LOADS. | |
|-------------------------|---|
| WIND | 100 MPH AND WITHSTAND 115 MPH GUSTS FOR 3 SECONDS |
| SEISMIC DESIGN CATEGORY | С |
| FROST DEPTH | 24 INCHES |
| ROOF | DEAD LOAD=20 LBS PSF. |
| | GROUND SNOW LOAD = 150 LBS MCCALL ID. |
| | 120 LBS LIVE LOAD - SNOWLOAD |
| | |

140 LBS TOTAL 24" FROST DEPTH FOUNDATION

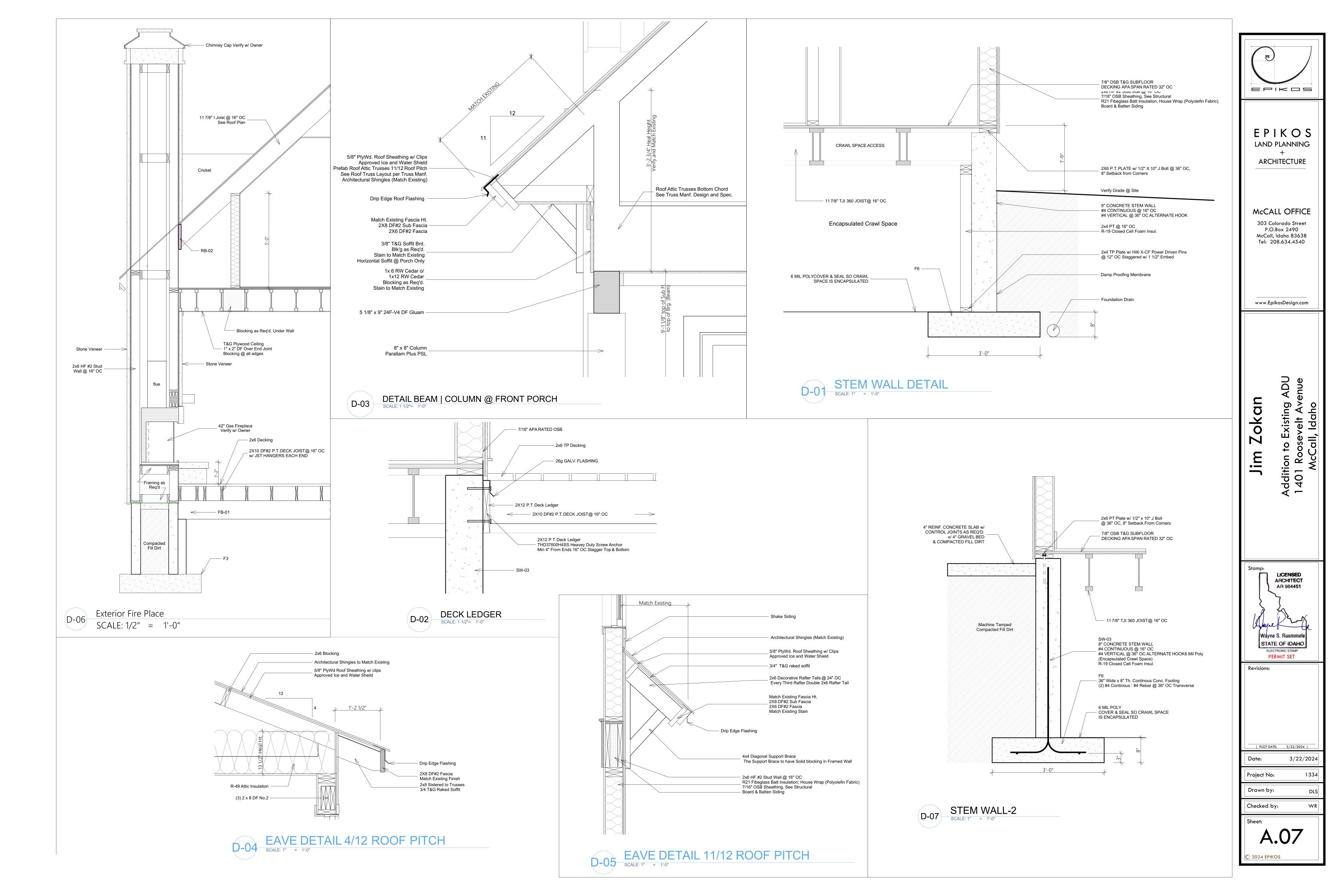








2024 EPIKOS



| ROOM FINISH SC | CHEDULE | | | | | | | | | | | | |
|----------------|---------|-----------------|--------------|---------------|-----------------|------------|-------------------|----------------|----------|--------------|----------|-------|-------------|
| | | | FLOOR | | | WALL | | | CEILING | | | TRIM | Dementer |
| ROOM NAME | NUMBER | Material | Texture | Finish | Material | Texture | Finish | Material | Texture | Finish | BASE | Crown | |
| ENTRY AREA | 101 | 3 1/4" HARDWOOD | | STAIN POLYU | 1/2" GYP. BRD. | SMOOTH | PAINT FLAT | 1/2" GYP. BRD. | POPCORN | PAINT FLAT | 1x4 Pine | 1x4 | |
| DINING | 102 | 3 1/4" HARDWOOD | | STAIN POLYU | 1/2" GYP. BRD. | SMOOTH | PAINT FLAT | 1/2" GYP. BRD. | POPCORN | PAINT FLAT | 1x4 Pine | 1x4 | |
| GREAT RM | 103 | 3 1/4" HARDWOOD | | STAIN POLYU | 1/2" GYP. BRD. | SMOOTH | PAINT FLAT | 1/2" GYP. BRD. | POPCORN | PAINT FLAT | 1x4 Pine | 1x4 | |
| KITCHEN | 104 | 3 1/4" HARDWOOD | | STAIN POLYU | 1/2" GYP. BRD. | SMOOTH | PAINT FLAT | 1/2" GYP. BRD. | POPCORN | PAINT FLAT | 1x4 Pine | 1x4 | |
| HALF BATH | 105 | 3 1/4" HARDWOOD | | STAIN POLYU | 1/2" GYP. BRD. | SMOOTH | PAINT FLAT | 1/2" GYP. BRD. | POPCORN | PAINT FLAT | 1x4 Pine | 1x4 | |
| UTILITY | 106 | TILE | | PORCELAIN | 1/2" GYP. BRD. | KNOCK DOWN | PAINT EGG SHELL | 1/2" GYP. BRD. | POPCORN | PAINT FLAT | 1x4 Pine | 1x4 | |
| LANAI | 107 | 2X6 DECKING | | DECK STAIN S | | | | T&G PLYWOOD | WOOD T&G | STAIN POLY | | 1x4 | SEE DETAILS |
| FRONT PORCH | 108 | CONCRETE | BROOM FINISH | BROOM FINISH | | | | T&G PLYWOOD | WOOD T&G | STAIN POLY | | 1x4 | SEE DETAILS |
| BONUS ROOM | 200 | CARPET | | BERBER | 1/2" GYP. BRD. | SMOOTH | PAINT FLAT | 1/2" GYP. BRD. | POPCORN | PAINT FLAT | 1x4 Pine | 1x4 | |
| OFFICE NOOK | 201 | CARPET | | BERBER | 1/2" GYP. BRD. | SMOOTH | PAINT FLAT | 1/2" GYP. BRD. | POPCORN | PAINT FLAT | 1x4 Pine | | |
| HALL | 202 | CARPET | | BERBER | 1/2" GYP. BRD. | SMOOTH | PAINT FLAT | 1/2" GYP. BRD. | POPCORN | PAINT FLAT | 1x4 Pine | 1x4 | |
| GUEST BEDRM | 203 | CARPET | | BERBER | 1/2" GYP. BRD. | SMOOTH | PAINT FLAT | 1/2" GYP. BRD. | POPCORN | PAINT FLAT | 1x4 Pine | 1x4 | |
| GUEST CLOS. | 204 | CARPET | | BERBER | 1/2" GYP. BRD. | SMOOTH | PAINT FLAT | 1/2" GYP. BRD. | POPCORN | PAINT FLAT | 1x4 Pine | | |
| MASTER BED RM | 206 | CARPET | | BERBER | 1/2" GYP. BRD. | SMOOTH | PAINT FLAT | 1/2" GYP. BRD. | POPCORN | PAINT FLAT | 1x4 Pine | 1x4 | |
| BATH | 206 | TILE | | CERAMIC | 1/2" GYP. BRD. | SMOOTH | PAINT FLAT | 1/2" GYP. BRD. | POPCORN | PAINT FLAT | 1x4 Pine | 1x4 | |
| MASTER BATH | 207 | TILE | | PORCELAIN | 1/2" GYP. BRD. | SMOOTH | PAINT FLAT | 1/2" GYP. BRD. | POPCORN | PAINT FLAT | 1x4 Pine | 1x4 | SEE DETAILS |
| WALK-IN SHW | 208 | TILE | | CERAMIC | 1/2" GREEN BRD. | | TILE CERAMIC | 1/2" GYP. BRD. | POPCORN | PAINT FLAT | Tlle | | |
| M. CLOSET | 209 | CARPET | | BERBER | 1/2" GYP. BRD. | SMOOTH | PAINT FLAT | 1/2" GYP. BRD. | POPCORN | PAINT FLAT | 1x4 Pine | | |
| SEASONAL CLOS | 210 | CARPET | | BERBER | 1/2" GYP. BRD. | SMOOTH | PAINT FLAT | 1/2" GYP. BRD. | POPCORN | PAINT FLAT | 1x4 Pine | | |
| GUEST AREA | 211 | CARPET | | BERBER | 1/2" GYP. BRD. | SMOOTH | PAINT FLAT | 1/2" GYP. BRD. | POPCORN | PAINT FLAT | 1x4 Pine | | |
| CLOS. | 212 | CARPET | | WOOL | 1/2" GYP. BRD. | SMOOTH | PAINT FLAT | 1/2" GYP. BRD. | POPCORN | PAINT FLAT | 1x4 Pine | | |
| CLOS. | 213 | CARPET | | BERBER | 1/2" GYP. BRD. | SMOOTH | PAINT FLAT | 1/2" GYP. BRD. | POPCORN | PAINT FLAT | 1x4 Pine | | |

ROOM FINISH SCHEDULE

| | | | | | | WI | NDOW SCHEDULE | |
|----|------------------------|----------------|----------|----------|----------------|----------|-------------------------|---|
| | WINE | DOW | F | Quantita | | Exterior | | G |
| ID | GENERAL DESCRIPTION | TYPE | Egress | Operable | Frame Material | Finish | Devided Lites | |
| А | 2-2656 | Casement | False | True | Clad Wood | Clay | 6Lt GBG 7/8 Flat | C |
| В | 3-2626 | Fixed Casement | False | False | Clad Wood | Clay | 4 Lt GBG 7/8" Flat | C |
| С | 2-2046 | Casement | False | True | Clad Wood | Clay | 4Lt GBG 7/8 Flat | C |
| D | 5046 | Sliding | False | True | Clad Wood | Clay | 4 Lt GBG 7/8" Flat | C |
| Е | 3046 | Casement | False | True | Clad Wood | Clay | 4 Lt GBG 7/8" Flat | C |
| F | 3-2646 | Casement | False | True | Clad Wood | Clay | 4 Lt. GBG 7/8" Flat | C |
| G | 2640 | Fixed Casement | False | False | Clad Wood | Clay | 4 Lt GBG 7/8" Flat | C |
| Н | 3036 | Casement | False | False | Clad Wood | Clay | 4 Lt GBG 7/8" Flat | C |
| Ι | 2-2650 | Fixed Casement | False | True | Clad Wood | Clay | 6 Lt GBG 7/8" Flat | C |
| J | 4616 | Fixed Casement | False | True | Clad Wood | Clay | | C |
| L | 2-2640 | Casement | True | True | Clad Wood | Clay | 4 Lt GBG 7/8" Flat | C |
| | | | | | | | | |



| | DOOR SCHEDULE | | | | | | | | | |
|--------|---------------|--------|-----------|-----------------------------|-----------|--------|--------|------------------|------------------------|--|
| | | DOOR | | | | | | | | |
| ID | WIDTH | HEIGHT | THICKNESS | GENERAL DESCRIPTION | Door Type | SWIING | Finish | HARDWARE SET | REMARKS | |
| D-01 | 3'-4" | 8'-0" | 1 3/4" | 3'4" x 8'0" | ENTRY | LH | Stain | Standard ORB | Custom Entry Door | |
| D-02 | 3'-0" | 6'-8" | 1 3/4" | 2'8" x 6'8" 1Lt 2 panel | HALF LT. | RH | Clad | Standard Black | | |
| D-03 | 3'-0" | 6'-8" | 1 3/4" | 2'8" x 6'8" 4panel | DOOR | LH | Paint | Standard Black | | |
| D-04 | 3'-0" | 8'-0" | 1 3/8" | 2'8" x 6'8" 4 Panel | POCKET | P | Paint | Standard Black | Verify Pocket Hardware | |
| D-05 | 2'-6" | 6'-8" | 1 3/8" | 2'6" x 6'8 6 Panel | DOOR | LH | Stain | Standard Black | | |
| D-06 | 6'-8" | 20'-0" | 4 1/8" | 2'8" x 6'8" 4 Panel | DOOR | LH | Stain | Standard Black | | |
| D-06-2 | 2'-0" | 6'-8" | 1 3/8" | 2'8" x 6'8" 4 Panel | DOOR | RH | Stain | Standard Black | | |
| D-07 | 2'-8" | 6'-8" | 1 3/8" | 2'8" x 6'8" 4 Panel | DOOR | LH | Stain | Standard Black | | |
| D-07-2 | 2'-8" | 6'-8" | 1 3/8" | 2'8" x 6'8" 4 Panel | DOOR | RH | Stain | Standard Black | | |
| D-08 | 5'-0" | 13'-4" | 2 3/4" | 2'6" x 6'8 4 Panel | POCKET | PKT_L | Stain | Standard Black | Verify Pocket Hardware | |
| D-08-2 | 2'-6" | 6'-8" | 1 3/8" | 2'6" x 6'8 4 Panel | POCKET | PKT_R | Stain | Standard Black | Verify Pocket Hardware | |
| D-09 | 2'-4" | 6'-8" | 1 3/8" | 2'4" x 6'8" 4 Panel | DOOR | LH | Stain | Standard Black | | |
| D-10 | 2'-8" | 4'-6" | 1 3/4" | 2'8" x 4'6" Flush | DOOR | RH | Paint | Standard Black | Access Door | |



GLAZING

| LICENSED ARCHITECT ALL OFFIC olorado Street D.Box 2490 I, Idaho 83638 208.634.4540 DikosDesign.com | (PLOT D/ | STA | Jim Zokan | www.E | 303 C P.C McCal | LAND | |
|---|-----------------------------------|-----------|-----------|-----------------|---|-------------------------------------|--|
| | ATE: <u>3/22/2024</u>) 3/22/2 | ARCHITECT | •— | oikosDesign.com | ALL OFFICI Colorado Street D.Box 2490 I, Idaho 83638 208.634.4540 | IKOS PLANNING + :HITECTURE | |

Project No:

Drawn by:

Checked by:

C 2024 EPIKOS

A.08

Sheet:

1334

DLS

WR

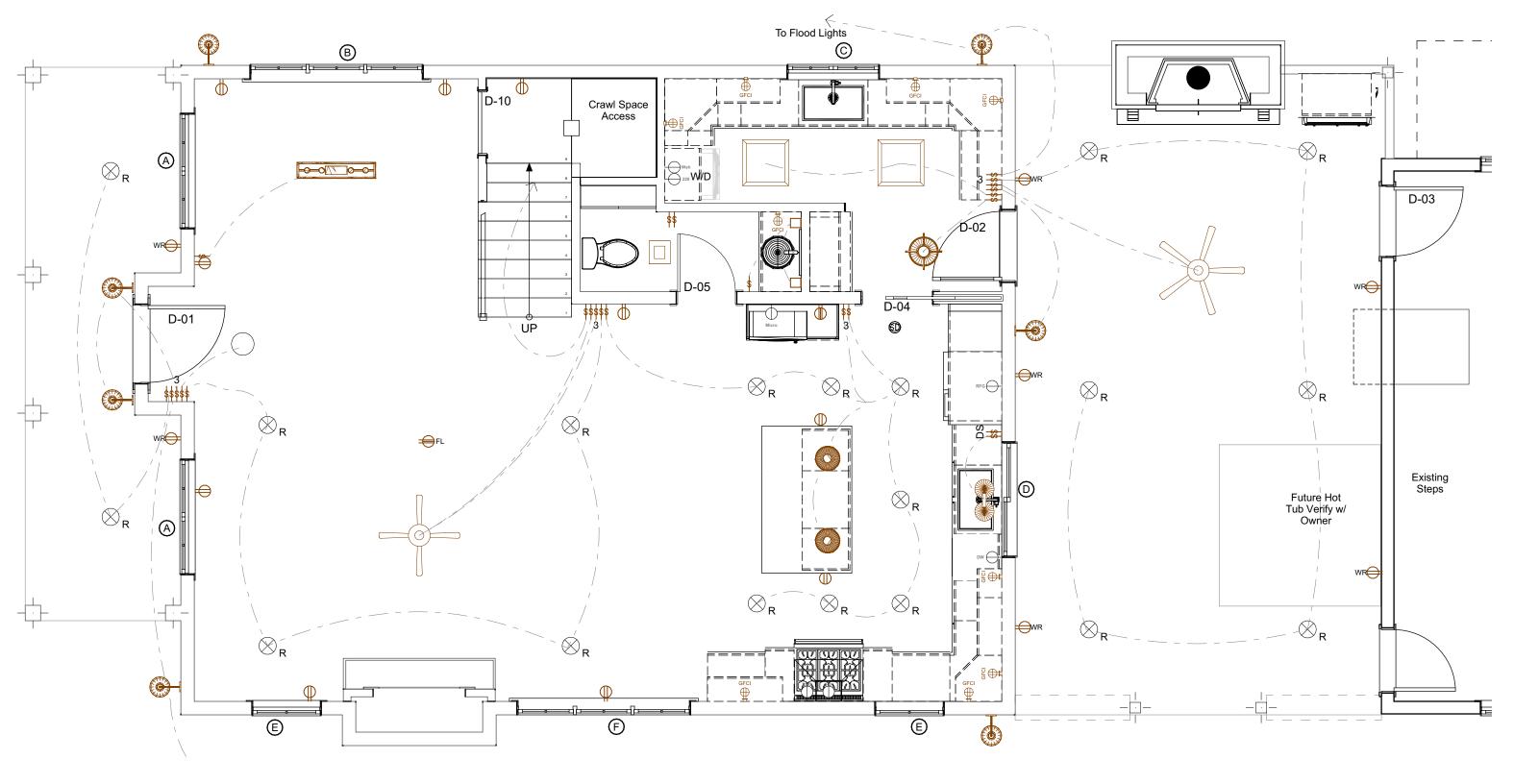
| GLAZING | | | Hardware Set | U-Value | REMARKS |
|---------|----------|---|------------------|---------|------------------------|
| Panes | Coating | Т | Haldwale Set | 0-value | REMARKS |
| Double | LoE2-270 | | Standard Beige | 0.29 | |
| Double | LoE2-270 | | | 0.29 | |
| Double | LoE2-270 | | Standard Beige | 0.29 | |
| Double | LoE2-270 | | Standard Beige | 0.29 | |
| Double | LoE2-270 | | Standard Beige | 0.29 | |
| Double | LoE2-270 | | Standard Beige | 0.29 | Center Window Operable |
| Double | LoE2-270 | | | 0.29 | 8'6" Hd Ht |
| Double | LoE2-270 | | Standard Beige | 0.29 | |
| Double | LoE2-270 | | | 0.29 | |
| Double | LoE2-270 | | | 0.29 | |
| Double | LoE2-270 | | Standard Beige | 0.29 | |
| | | | | | |

| 1st FLOO | 1st FLOOR LIGHT FIXTURE SCHEDULE | | | | | | | |
|----------|---|----------------|---------------------------|---------------------|--|--|--|--|
| ID | DESCRIPTION | SYMBOL | LOCATION | REMARKS | | | | |
| LF-01 | 6" Recessed Light | ⊗ _R | See Plans | AIRTIGHT & IC RATED | | | | |
| LF-02 | 2 Pendent Lt Fixture | ** | At Kitchen Sink | | | | | |
| LF-03 | Pendent Light Fixture | 0 | Over Island | | | | | |
| LF-04 | 5 Lt, Rectangle Drum Light | | Dining Room | | | | | |
| LF-05 | Ceiling Fan w/ Light | | Family Rm. | | | | | |
| LF-06 | Light Fixture-Ceiling | Ø | Back Entry | | | | | |
| LF-07 | 2x2 Fluorescent Light | | Utility | | | | | |
| LF-08 | Exhaust Fan W/ Light | | Powder Rm | | | | | |
| LF-09 | Wall Sconce | | Powder Rm | | | | | |
| LF-10 | Exterior Wall Sconce | • | See Drawings for Location | 7' above FF | | | | |
| LF-11 | Light Fixture | | Under Stair landing | | | | | |
| LF-12 | Exterior Ceiling Fan | | Lanai | | | | | |
| LF-13 | Exterior Wall Sconce / Lantern Dark Sky Compliant | ē | See Drawings for Location | 8'6' above FF | | | | |
| LF-14 | Ceiling Mount Light Fixture | 0 | Entry | | | | | |

| 2D Symbol | Description | Designation | Comments |
|-------------|----------------------------------|--------------|---------------------------------------|
| 220 | 220 Receptacle | Dryer | |
| GFCI | Ground Fault Circuit Interrupter | GFCI | Above Counter |
| DW | Receptacle | Dish Washer | |
| | Receptacle | GFCI | |
| H D | Receptacle | Hood | |
| Micro | Receptacle | Microwave | |
| RNG | Receptacle | Range | |
| RFG | Receptacle | Refrigerator | |
| \bigoplus | Receptacle | Standard | 44" Height |
| \bigcirc | Receptacle | Standard | Set at Island Ends Per Code |
| Wsh | Receptacle | Washer | |
| \bigcirc | Tamper Resistant Receptacle | TR | |
|) FL | Tamper Resistant Receptacle | TR | Floor Outlet Verify Location w/ Owner |
| WR | Weather Resistant Receptacle | WR | |

ELECTRIC SYMBOL LEGEND - SCHEDULE CONTINUED

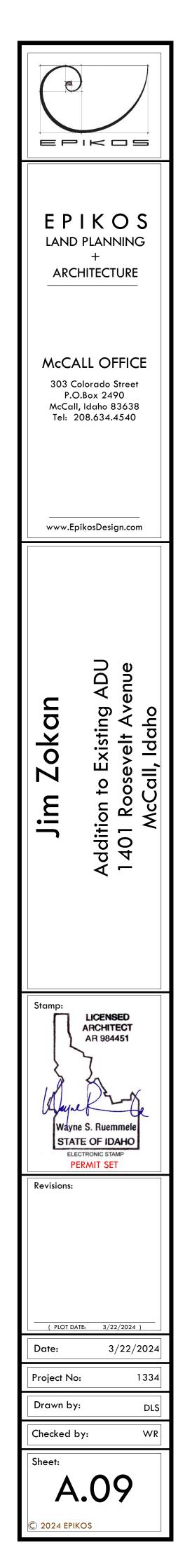
| | r |
|--------------------|-----------|
| 2D Symbol | Туре |
| \$\$ 3 | Double |
| \$ <mark>\$</mark> | Double |
| \$\$ | Double |
| \$\$\$\$ 3 | Quintuple |
| \$\$\$\$\$ 3 | Quintuple |
| \$ DS | Single |
| \$ | Single |
| \$\$\$ 3 | Triple |
| \$\$\$ | Triple |





| Description | Style | Remarks |
|-----------------|--------|---------------------------------|
| 3-Way Switch | Rocker | (1) Switch Dedicated to 3-Way |
| 3-Way Switch | Rocker | (2) Switch Dedicated to 3-Way |
| Single-Pole | Rocker | |
| 3-Way Switch | Rocker | (2) Switch Dedicated to 3-Way |
| 3-Way Switch | Rocker | (3) Switches dedicated to 3-Way |
| Disposal Switch | Rocker | |
| Single-Pole | Rocker | |
| 3-Way Switch | Rocker | (1) Switch Dedicated to 3-Way |
| Single-Pole | Rocker | |
| | | |

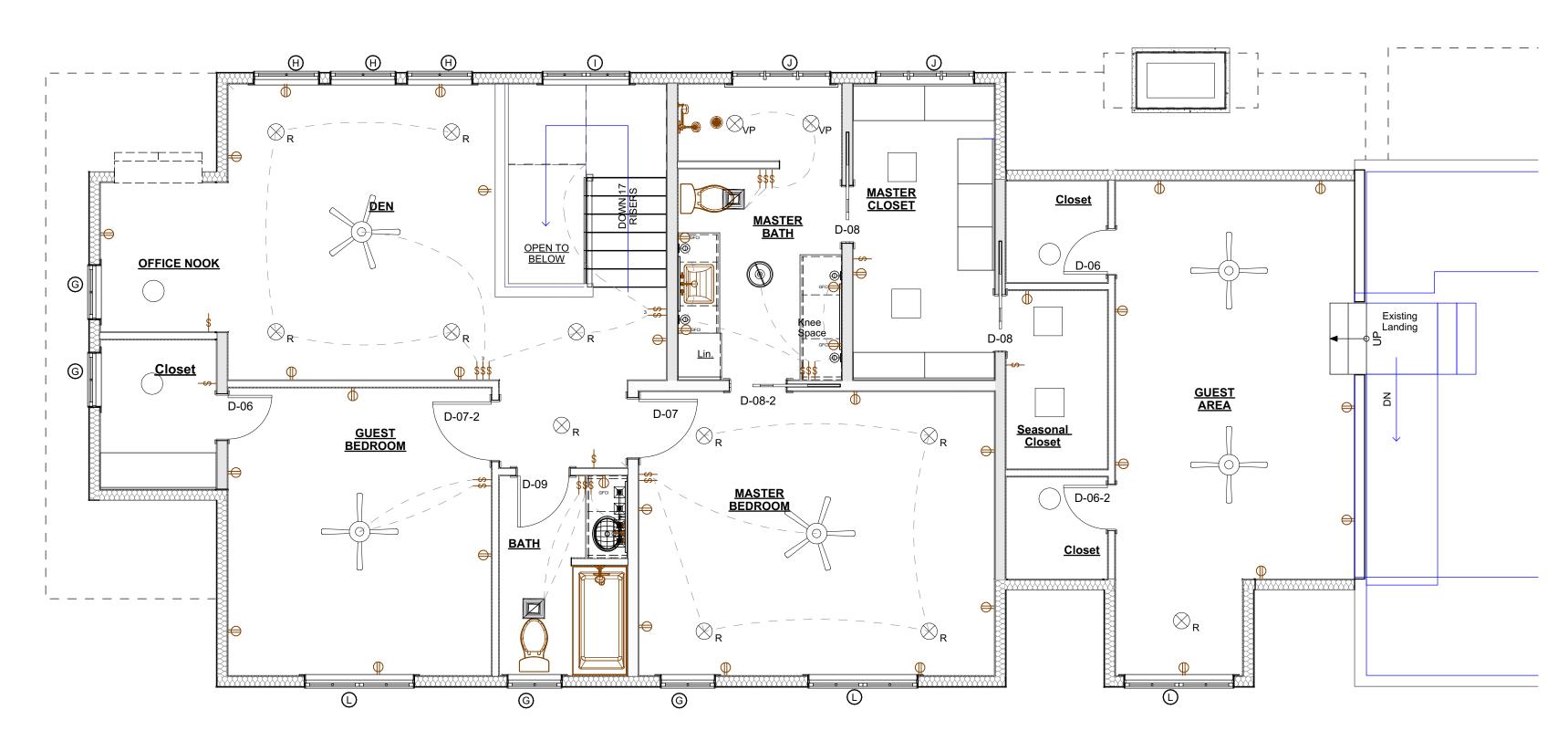
ELECTRICAL NOTES:
* 2017 NATIONAL ELECTRICAL CODES
* CONTRACTOR RESPONSIBILITY TO VERIFY ALL CODES (BOTH LOCAL AND STATE) FOR WIRING AND LIGHT FIXTURE PLACEMENTS
* VERIFY WITH OWNER LOCATION OF PANEL BOX AND SIZE TO MEET ANY FUTURE EXPANSION
* VERIFY W/ OWNER ALL LOCATION / PLACEMENT OF BOTH LIGHT / ELECTRICAL FIXTUTRES
* VERIFY HOT WATER HEATER LOCATION AND ITS ELECTRICAL REQUIREMENTS
* VERIFY W/ OWNER FUTURE HOT TUB AND ITS ELECTRICAL RQUIREMENTS
* ELECTRICAL LAYOUT IS TO BE USED AS A REFERENCE, ACTUAL NUMBER AND FINAL PLACEMENT IS TO BE DETERMINED AT SITE AND VERIFIED W/ OWNER.
* VERIFY ALL LIGHT FIXTURE AND ITS ELECTRICAL WIRING REQUIREMENTS



| 2nd FLOOR LIGHT FIXTURE SCHEDULE | | | | | |
|----------------------------------|------------------------|-----------------|---------------|---------------------|--|
| ID | DESCRIPTION | SYMBOL | LOCATION | REMARKS | |
| LF-20 | Light Fixture | | Master Closet | | |
| LF-21 | Hanging Light Fixture | ۲ | Master Bath | | |
| LF-22 | Single Light Sconce | ō | Master Bath | 5'-6" to Center | |
| LF-23 | Exhaust Fan w/ Light | | See Plans | | |
| LF-24 | Recessed Light Fixture | ⊗ _{vp} | Master Shower | Vapor Proof | |
| LF-25 | 6" Recessed Light | \otimes_{R} | See Plans | AIRTIGHT & IC RATED | |
| LF-26 | Ceiling Fan | | See Plans | | |
| LF-26.1 | Ceiling Fan w/ Light | | Guest Bedroom | | |
| LF-27 | Round Ceiling Mount | \bigcirc | See Plans | | |
| LF-28 | 4 Light Sconce | | Guest Bath | Above Mirror | |

| ELECTRIC | ELECTRIC SYMBOLS LEGEND - SCHEDULE | | | | | | |
|------------|------------------------------------|--------------|---------------------------------------|--|--|--|--|
| 2D Symbol | Description | Designation | Comments | | | | |
| 220 | 220 Receptacle | Dryer | | | | | |
| GFCI | Ground Fault Circuit Interrupter | GFCI | Above Counter | | | | |
| DW | Receptacle | Dish Washer | | | | | |
| GFCI | Receptacle | GFCI | | | | | |
| ↓ H⊐ | Receptacle | Hood | | | | | |
| Micro | Receptacle | Microwave | | | | | |
| RNG | Receptacle | Range | | | | | |
| RFG | Receptacle | Refrigerator | | | | | |
| | Receptacle | Standard | 44" Height | | | | |
| \bigcirc | Receptacle | Standard | Set at Island Ends Per Code | | | | |
| Wsh | Receptacle | Washer | | | | | |
| \bigcirc | Tamper Resistant Receptacle | TR | | | | | |
| FL | Tamper Resistant Receptacle | TR | Floor Outlet Verify Location w/ Owner | | | | |
| WR | Weather Resistant Receptacle | WR | | | | | |

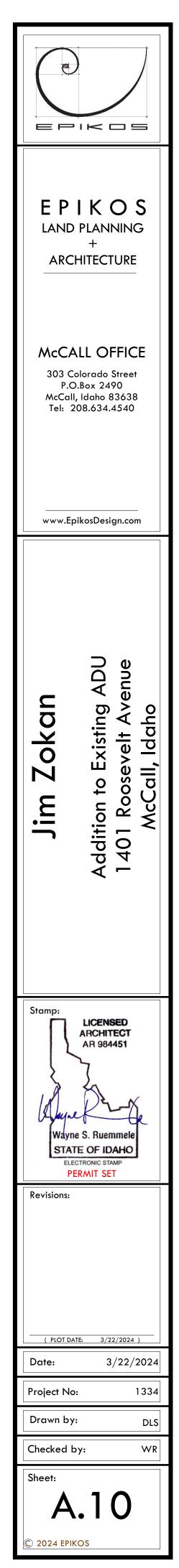
| 2D Symbol | Туре | Description | Style | Remarks |
|-----------------|-----------|-----------------|--------|---------------------------------|
| \$\$ 3 | Double | 3-Way Switch | Rocker | (1) Switch Dedicated to 3-Way |
| \$ 3 | Double | 3-Way Switch | Rocker | (2) Switch Dedicated to 3-Way |
| \$\$ | Double | Single-Pole | Rocker | |
| \$\$\$\$\$ 3 | Quintuple | 3-Way Switch | Rocker | (2) Switch Dedicated to 3-Way |
| \$\$\$\$\$ 3 | Quintuple | 3-Way Switch | Rocker | (3) Switches dedicated to 3-Way |
| \$ DS | Single | Disposal Switch | Rocker | |
| \$ | Single | Single-Pole | Rocker | |
| \$\$\$ 3 | Triple | 3-Way Switch | Rocker | (1) Switch Dedicated to 3-Way |
| \$\$\$ | Triple | Single-Pole | Rocker | |





ELECTRICAL NOTES:

- ELECTRICAL NOTES:
 * 2017 NATIONAL ELECTRICAL CODES
 * CONTRACTOR RESPONSIBILITY TO VERIFY ALL CODES (BOTH LOCAL AND STATE) FOR WIRING AND LIGHT FIXTURE PLACEMENTS
 * VERIFY WITH OWNER LOCATION OF PANEL BOX AND SIZE TO MEET ANY FUTURE EXPANSION
 * VERIFY W/ OWNER ALL LOCATION / PLACEMENT OF BOTH LIGHT / ELECTRICAL FIXTURES
 * VERIFY HOT WATER HEATER LOCATION AND ITS ELECTRICAL REQUIREMENTS
 * VERIFY W/ OWNER FUTURE LOCATION AND ITS ELECTRICAL REQUIREMENTS
- * VERIFY w/ OWNER FUTURE HOT TUB AND ITS ELECTRICAL RQUIREMENTS * ELECTRICAL LAYOUT IS TO BE USED AS A REFERENCE, ACTUAL NUMBER AND FINAL
- PLACEMENT IS TO BE DETERMINED AT SITE AND VERIFIED w/ OWNER. * VERIFY ALL LIGHT FIXTURE AND ITS ELECTRICAL WIRING REQUIREMENTS



| | | SHEAR I | PANEL | |
|----|---|---|---|---|
| ID | Wall Load | WIndow Strap | Hold Downs | COMMENT |
| 1 | Wall load is 4,050 lbs and using FTAO method. | Window strap is CMST16 x 40" w/ (20) 8d nails each end. | Hold Downs are THD14RJ, w/ (30) 16d nails. | Use a 19/32" OSB panel, w/ 2" OC nailing at the edges for the panel. w/ blocking added behind straps. |
| 2 | Wall load is 4,050 + 1250 lbs and using FTAO method. | Window strap is CMST16 x 40" w/ (20) 8d nails each end. | Hold Downs are STHD14RJ, w/ (30) 16d nails. | Use a 7/16" OSB panel, w/ 2" OC nailing at the edges for the panel. w/ blocking added behind straps. |
| 3 | Wall Load is 2338 lbs and using SW1 nailing,the minimum shear panel length is 5.2' | | Using a panel length of 7.75', the hold down load is 2,715 lbs. | |
| 4 | | | Using a panel length of 12.5', the hold down load is 1,683 lbs. | |
| 5 | Wall Load is 1,386 lbs and using SW2 nailing, the minimum shear panel length is 7.7'. | | Using (2) 4.5' panels, the hold down loads are 1,232 lbs | |
| 6 | Wall Load is 1,386 lbs and using SW2 nailing, the minimum shear panel length is 7.5'. | | Using 10' panel, the hold down loads are 1,108 lbs. | |
| 7 | Wall Load is 938 lbs and using FTAO method | Window Strap is CMST16" x 18", w/ (8) 8d nails each end. | Hold Downs are CS20 x 42", w/ (9) 8d nails each end. | Nailing SW2 for 7/16" panel, w/ blocking added behind straps. |
| 8 | Wall Load is 938 lbs and using FTAO method | Window Strap is CMST16" x 18", w/ (8) 8d nails each end. | Hold Downs are CS20 x 42", w/ (9) 8d nails each end. | Nailing SW2 for 7/16" panel, w/ blocking added behind straps. |

| | NAILING REQUIREMENT | | | | | | |
|-----|---|----------|--------------|---------------|-------------|-----------------------------------|--|
| REF | Sheathing | Fastener | Edge Nailing | Field Nailing | Blocking | Anchor Bolts | |
| SW1 | 7/16" APA Rated OSB (blocked) 24" OC | 8d nails | 4" OC | 12" OC | Panel Edges | 1/2" Dia. x 10 AB @ 24" OC 451 | |
| SW2 | 7/16" APA Rated OSB (unblocked) 24" OC | 8d nails | 6" OC | 12" OC | NA | 1/2" Dia. x 10 AB @ 36" OC 185 | |

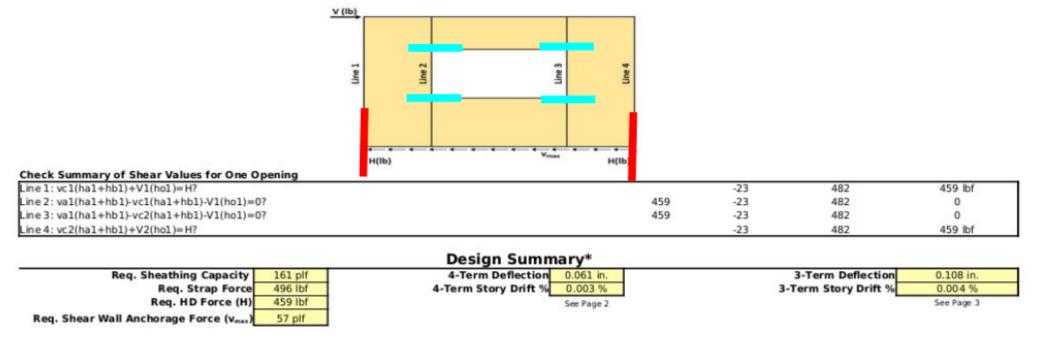
7/16" crown 16ga x 2" straps 3" OC if substituted for 8d nails @ 6" OC



Hold Downs (1st Floor) will have a maximum of 4,200 lbs and must be STHD 14 strap w/ (30) 16d sinkers, in locations listed above

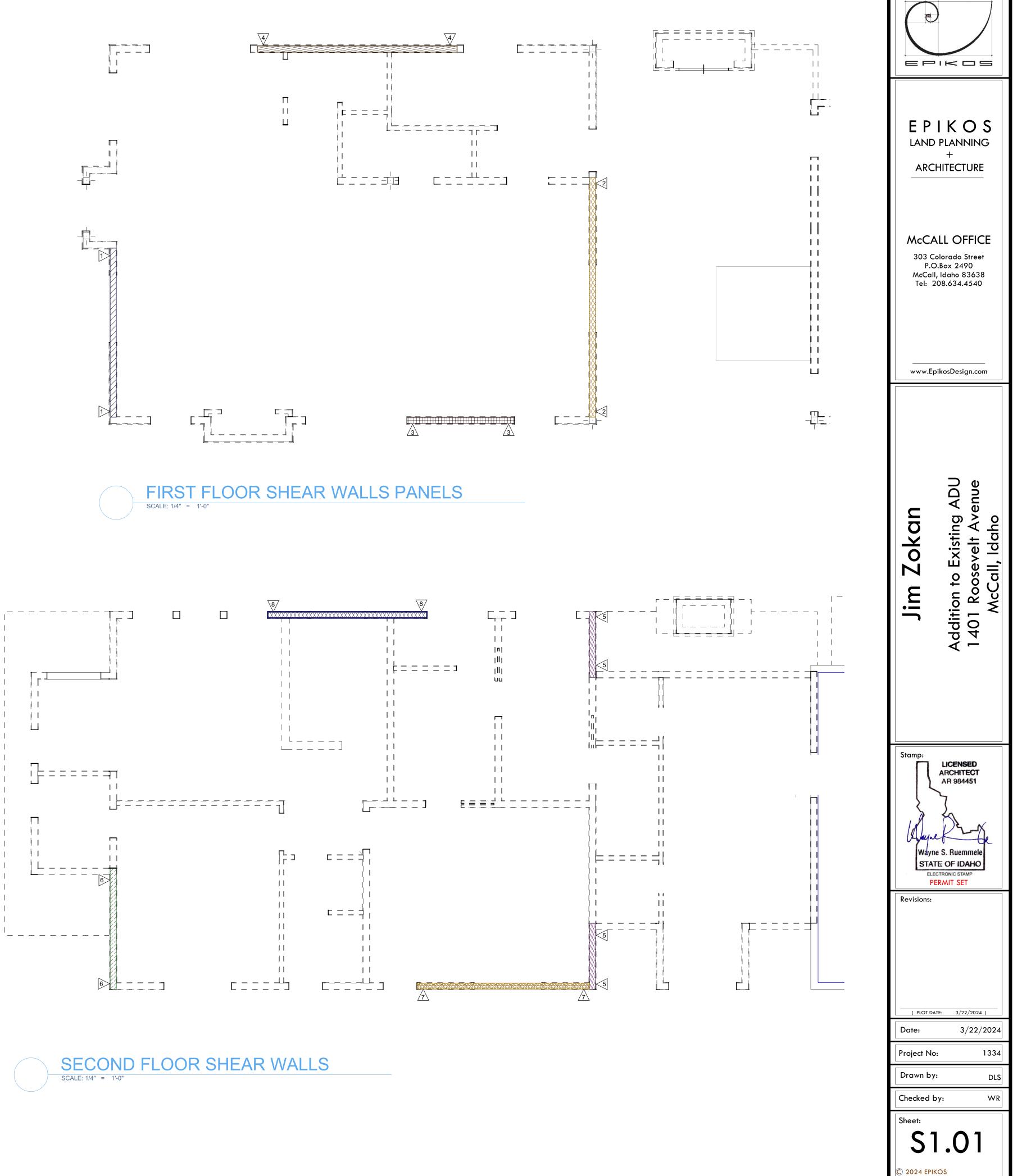


Hold Downs (2nd Floor) will have a maxium of 1,000 lbs and must use a CS18 x 42" w/ (9) 8d nails, each end.



*The Design Summary assumes that the shear wall is designed as blocked.

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FOUNDATION NOTES:

- FOUNDATION FOOTINGS, AND COLUMN FOOTING TO BEAR ON UNDISTURBED SOIL WITH MINIMUM DEPTH OF BOTTOM OF FOOTING TO BE 24" BELOW FINAL GRADE. SOIL BEARING PRESSURE ASSUMED TO BE 1500 PSF.
- ALL EXCESS FRAMING MATERIAL TO BE EXPORTED FROM THIS SITE TO AN APPROVED DISPOSAL LOCATION.
- EXCAVATE SITE TO PROVIDE A MINIMUM OF 24" CLEARANCE UNDER ALL GIRDERS/JOISTS
- CLEAN ALL FOOTING EXCAVATIONS OF LOOSE AND ORGANIC MATERIALS.
- MAXIMUM SLOPE OF CUTS AND FILLS TO BE TWO (2) HORIZONTAL TO ONE (1) VERTICAL FOR BUILDINGS, STRUCTURES, FOUNDATIONS, AND RETAINING WALLS.
- DO NOT BACKFILL FOUNDATION WALLS UNTIL MAIN FLOOR INCLUDING SUB-FLOORING AND WALL DIAPHRAGM'S ARE IN PLACE AND FULLY NAILED AND ANCHORED AND FOUNDATION WALLS HAVE BEEN CAST AND CURED.
- CONCRETE:
- BASEMENT AND FOUNDATIONS 6 SACK/YD. 4" MAX. SLUMP 3500 PSI WALLS AND FOOTINGS NOT EXPOSED TO WEATHER. BASEMENT AND INTERIOR SLABS 6 SACK/YD. 4" MAX. SLUMP 3500 PSI ON GRADE. BASEMENT AND INTERIOR SLABS 6 SACK/YD. 4" MAX. SLUMP 3500 PSI ON GRADE. BASEMENT WALLS, FOUNDATIONS 6 SACK/YD, 4" MAX, SLUMP 3500 PSI AND FOOTINGS EXPOSED TO WEATHER. PORCHES, STEPS, CARPORT AND 7 SACK/YD. 4" MAX. SLUMP 4000 PSI OTHER EXTERIOR SLABS DIRECTLY EXPOSED TO WEATHER,
- 5% 7% MAX.. AIR ENTRAINED.
- ALL CONCRETE SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS.
- · ALL CONCRETE FORMS, SHORING AND POURING METHODS SHALL CONFORM TO CURRENT A.C.I. STANDARDS.
- ^{10.} ALL FOUNDATIONS TO HAVE 8" CONC. STEM WALLS ON CONCRETE FOOTINGS PER PLAN. REFER TO FOUNDATION PLAN FOR ADDITIONAL REQUIREMENTS. ALL FOUNDATIONS OVER 48" HIGH REQUIRE TO BE ENGINEERED CONCRETE WALLS AND FOOTINGS.
- ^{11.} ALL FILL UNDER GRADE SUPPORTED SLABS TO BE A MINIMUM OF 4" GRANULAR MATERIAL (3/4"-0") COMPACTED TO 95% MINIMUM.
- 12. PROVIDE 1/2" DIA. X 10" ANCHOR BOLTS A307 GRADE @ 4'-0" O.C. U.N.O. ON PRESSURE TREATED DF NO. 3 MUD SILLS. ANCHOR BOLTS TO BE 7" MINIMUM EMBEDMENT INTO CONCRETE WALLS. AT LEAST TWO (2) BOLTS ARE REQUIRED ON EACH SILL AND 12" MINIMUM FROM SILL SPLICES. PROVIDE FOAM INSUL. BTWN.SILL PL. & FOUND. WALL
- 13. REFER TO SIMPSON SPECIFICATIONS FOR BOLT DIAMETER AND MINIMUM IMBEDMENT LENGTH ON ALL ANCHOR BOLTS AND SIMPSON STRAP-TIE HOLDOWNS.
- 14. REBAR SCHEDULE:

REBAR TO BE LOCATED AT HOLDOWN LOCATIONS ONLY OR AS SHOWN ON PLAN OR REQUIRED BY CODE.

MINIMUM REQUIREMENTS WHERE REBAR IS REQUIRED.

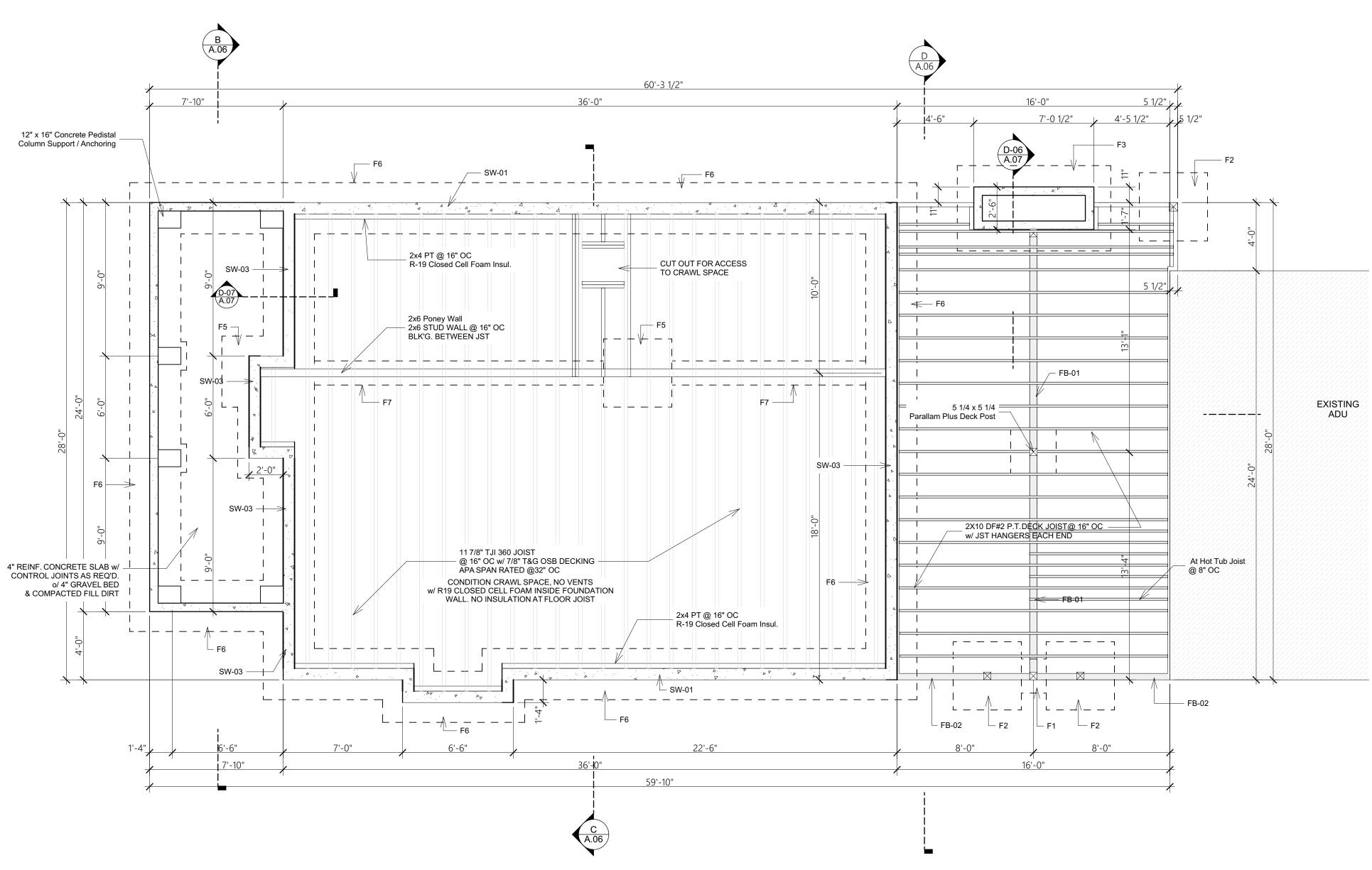
FOOTINGS: (2) #4 BAR HORIZONTAL CONTINUOUS, 4" CLEAR BOTTOM.

FOUNDATIONS: (1) #4 BAR TOP HORIZONTAL WITH #4 BARS VERTICAL AT 48" O.C. HOOKED AND TIED TO FOOTING BARS AND TIED TO TOP FOUNDATION BAR.

- 15. REINFORCING BARS TO BE DEFORMED BARS CONFORMING TO A.S.T.M. A-615 GRADE 60. WELDED WIRE MESH TO BE A-185.
- 16. REINFORCEMENT SHALL BE ACCURATELY PLACED AND SUPPORTED BY CONCRETE, METAL, OR OTHER APPROVED CHAIRS, SPACERS, OR TIES AND SECURE AGAINST DISPLACEMENT DURING CONCRETE PLACEMENT.
- 17. REINFORCEMENT SHALL BE BENT COLD AND SHALL NOT BE WELDED.
- 18. ALL LAPS AND SPLICES ON #4 REBAR TO BE 24" MINIMUM, U.N.O..
- 19. "STTB' ANCHOR BOLTS TO BE INSTALLED PER MANUF. PRIOR TO POURING FOOTINGS.
- 20. PROVIDE A 3" DIA. PVC PIPE IN FOUNDATION WALL FOR ELECTRICAL SERVICE. VERIFY PLACEMENT WITH WITH BUILDER/ SUBCONTRACTOR.
- 21 PROVIDE A 4" DIA. PVC LOW POINT CRAWL SPACE DRAIN THROUGH FOUNDATION WALL BLOCKOUT. DRAIN TO BE SLOPED FOR GRAVITY DRAINAGE AND CONNECTED TO AN APPROVED STORM DRAIN SYSTEM.
- 22... ALL WOOD IN CONTACT WITH CONCRETE TO BE PRESSURE TREATED
- 23. ALL HOLDOWNS, JOIST HANGERS AND BEAM HANGERS TO BE 'SIMPSON' OR EQUAL.
- 24. ALL WOOD IN DIRECT CONTACT WITH CONCRETE TO BE PRESSURE TREATED AND/OR PROTECTED BY 55# FELT MOISTURE BARRIER.
- 25. FLOOR CONSTRUCTION TO BE: MAIN FLOOR: 9-1/2" T.J.I. FLR. JSTS. SPACED PER PLAN W/ 7/8" T&G OSB DECKING APA SPAN RATED TO 32" O/C. EXCAVATE TO 24" MIN. BELOW FLR. JSTS.

TOP OF ALL HOLD DOWN BOLTS MUST EXTEND ABOVE WASHERS AND NUTS (APPROX. 6" ABOVE TOP OF FNDN. WALL). **DESIGN INPUTS:** Building size 52' x 24' main structure Building Type: wood framing Roof Pitch: 4/12 gabled roof and 11/12 end pitch Wind Speed: 115mph; exposur B Snow: 150 psf roof Wood Design Values: Standard grade Douglas Fir, Compression Stress parallel to grain = 1300 psi, Perpendicular to grain = 625 psi.

Soil Bearing: 1500 PSF Seismic Category: D Frost Depth: 28" Code IRC2018



FOUNDATION PLAN SCALE: 1/4" = 1'-0"

| FOOTING SCHEDULE | | | | | | | |
|------------------|--|--|----------------------|--|--|--|--|
| ID | Size | Rebar | Remarks | | | | |
| F1 | 24" x 24" x 8" Thick | w/ (2) #4 Ea. Way | | | | | |
| F2 | 48" x 48" x 8" Thick | w/ (4) #4 Ea. Way | | | | | |
| F3 | 9' x 5' x 12" Thick | w/ (4) #4 rebar in the 5' direction and (8) #4 rebar in the 9' direction | | | | | |
| F4 | 32" x 32" x 8" Thick | w/ (3) #4 Ea. Way | | | | | |
| F5 | 48" x 48" x 8" Thick | w/ (4) #4 Ea. Way | | | | | |
| F6 | 36" Wide x 8" Th. Continous Conc. Footing | (2) #4 Continous : #4 Rebar @ 36" OC Transverse | See Stem Wall Detail | | | | |
| F7 | 18" wide x 8" thick continous concrete ftg. | (3) #4 rebar continous | | | | | |

rooting Schedule

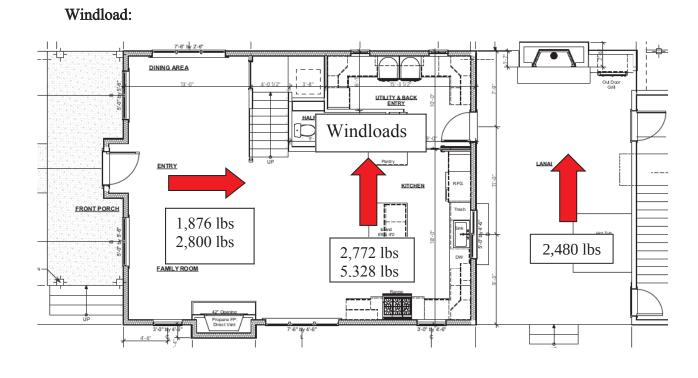
| | | BEAN | SCHEDULE | |
|-------|------------------|---|------------------------|--|
| ID | Span | Description | Minimum Bearing | REMARKS |
| FB-01 | 13' + 13' | 5 1/8" x 9" x 24F-V4 DF Gluam | 3.5" Bearing | Floor support beam has a span of 13' + 13' and a tributary length of 8' |
| FB-02 | 4.5' + 7' + 4.5' | (2) 2 x 10 DF No.2 | 6" Bearing | Floor support beam has a span of 8'+8 and tributary length of 2' |
| FB-03 | 16' | 5 1/8" x 16 1/2" 24F- V4 DF Gluam | 3.5" Bearing | Floor support beam has a span of 16' and a tributary floor length of 9' for this floor load. Roof Tributary length is 15' w/ point loads 4,5' and 11.5' |
| FB-04 | 4.6' | 5 1/8" x 12" 24F-V4 DF Gluam | (2) Trimmers | Floor Support has a span of 4.5' and a tributary roof length of 14' |
| FB-05 | 18.33' | 6 3/4" x 13 1/2" 24F- V4 DF Gluam | 3.5" | Floor support beam has a span of 18.33' and a floor tibutary length of 13' |
| FB-06 | 6'10" | 5 1/8" x 9" 24F-V4 DF Gluam | 6" Bearing | Floor Support beam has a span 6'-10" and a roof tributary length of 12' |
| FB-07 | 7' | 1 3/4" x 16" 2.0E Microllam LVL | 2" Hanger Bearing | Floor Support beam has a span 9.1' and a tributary length of 14' |
| FB-08 | 6'-0" | (2) 1 3/4" x 16" 2.0E Microllam LVL | 6" Bearing | Floor Support beam has a span 6' and a roof tributary length of 6' |
| RB-01 | 24' | 5 1/8" x 9" 24F-V4 DF Gluam | 6" Bearing | Roof Support beam has a span of 24' and a tributary roof length 2' |
| RB-02 | 7' | (3) 1 3/4" x 9 1/4" 2.0E Microllam LVL | HHUS 5.5/10 Hangers | Roof Truss Support |
| RB-03 | 7' | (2) 1 3/4" x 7 1/4" 2.0E Microllam LVL | HHUS46 Hanger | Roof Truss Support |
| RB-04 | 7' | 1 3/4" x 18" 2.0E Microllam LVL | | Roof Ridge Beam |
| RB-05 | 6'6 + 4'6 | 1 3/4" x 7 1/4" 2.0E Microllam LVL | | |



Beam Schedule

FLOOR FRAMING NOTES:

- 1. FLOOR JOISTS: TO BE 14" MITEK FLOOR TRUSSES AT UPPER FLOOR.
- 2. FLOOR TRUSS SPANS ARE BASED ON A 40# L.L. + 10# D.L. = 50# T.L. DEFLECTION LIMITED
- PROVIDE BLOCK OUTS FOR DOWN DRAFT COOK TOPS, DRYER VENTS, MECH. FLUES, AND ACCESSES. VERIFY SIZE AND PLACEMENT WITH BUILDER/ SUBCONTRACTORS PRIOR TO INSTALL.
- 4. ALL WOOD IN DIRECT CONTACT WITH CONCRETE TO BE PRESSURE TREATED AND/OR PROTECTED BY 55# FELT MOISTURE BARRIER.
- ALL HOLDOWNS, JOIST HANGERS AND BEAM HANGERS TO BE 'SIMPSON' OR EQUAL.
- 6. TO MITEK TECHNICAL SUPPORT FOR CONNECTOR AND HANGER INFORMATION.
- PROVIDE SOLID BLOCKING UNDER ALL UPPER LEVEL BEARING WALLS OR AS SHOWN 7 ON PLAN.
- PROVIDE A CONTINUOUS RIM JOIST AROUND PERIMETER OF EXTERIOR WALLS. RIM JOIST 8. TO BE OF THE SAME SIZE AND MATERIAL TYPE AS FLOOR JOISTS UNLESS OTHERWISE NOTED. FASTEN RIM JOISTS TO WALL BELOW WITH AT LEAST 16D TOE-NAILS AT 8" O.C.
- 9. PROVIDE 7/8" T & G OSB DECKING (APA SPAN RATED TO 32" O/C. GLUE AND FASTEN SHEATHING WITH 10D COMMON NAILS AT 6" O.C. AT ALL EDGES AND 10D COMMON NAILS AT 12" O.C. AT ALL INTERMEDIATE FRAMING MEMBERS.
- 10. SUB-FLOOR SHEATHING TO EXTEND OUTWARD TO ALL PERIMETER EXTERIOR WALLS BELOW,
- 11. VERIFY LOCATION OF ALL PLUMBING DRAINS AND OFFSET FLOOR JOISTS UP TO 3" O.C. MAXIMUM TO AVOID NOTCHING AND CUTTING OF JOISTS.
- 12. BEARING FOR JOISTS, SUPPORT MEMBERS, HEADERS AND BEAMS TO BE 1/2 THE MEMBERS WIDTH AND SOLID BEARING TO FOOTINGS. 2 X JOISTS TO HAVE 1-1/2" MIN. BEARING.
- 13. DO NOT NOTCH, BORE OR DRILL THROUGH ANY SUPPORT COLUMNS, GIRDERS, BEAMS, JOIST SUPPORTING BEARING WALLS OR ANY OTHER CONCENTRATED LOAD BEARING MEMBER UNLESS SPECIFICALLY NOTED ON PLANS. CONTACT DESIGNER IF QUESTIONS ARISE.
- 14. PROVIDE DOUBLE RIM JOISTS AT ALL EXTERIOR WALLS PARALLEL TO JOISTS AND AS SHOWN ON PLAN.
- 15. LAP FLOOR JOISTS A MINIMUM OF 6" EACH WAY AT ALL INTERIOR BEARING MEMBERS. NAIL LAPS WITH (3) 16D AND TO BEARING MEMBER WITH (3) 16D.
- 16. JOISTS SHALL BE SUPPORT LATERALLY BY BLOCKING OR BRIDGING AT JOIST MID-SPAN AT INTERVALS NOT EXCEEDING 10 FEET.



For the new ADU roof, Table 2.5A the lateral wind load is 77 PLF roof load and 148 PLF floor load. From Table 2.5B the longitudinal wind load is 67 PLF roof load and 100 PLF floor load. For longitudinal load, $28^{\circ} \times 67$ PLF = 1,876 lbs and a 2,800 lbs floor load. For lateral wind loads, $36^{\circ} \times 77$ PLF = 2,772 lbs and a 5,328 lbs floor load.

Lanai lateral wind load for 11/12 pitch is 155 PLF x 16' = 2,480 lbs

Snow: 150 psf roof

Soil Bearing: 1500 PSF Seismic Category: D Frost Depth: 28" Code IRC2018

WALL BUCKLI port 576 PLF dead I for 16" a 28' span. For OC, for long be

HEADER SCHEDULE

| LING: |
|--|
| oad of 150 PSF for the roof, bearing walls must supp |
| I load, 2,419 PLF snow load and 647 PLF floor load f |
| or all 9' tall walls the stud spacing is 2x6 HF No.2 @ $^{\prime}$ |
| earing walls |
| |

Stress parallel to grain = 1300 psi, Perpendicular to grain = 625 psi.

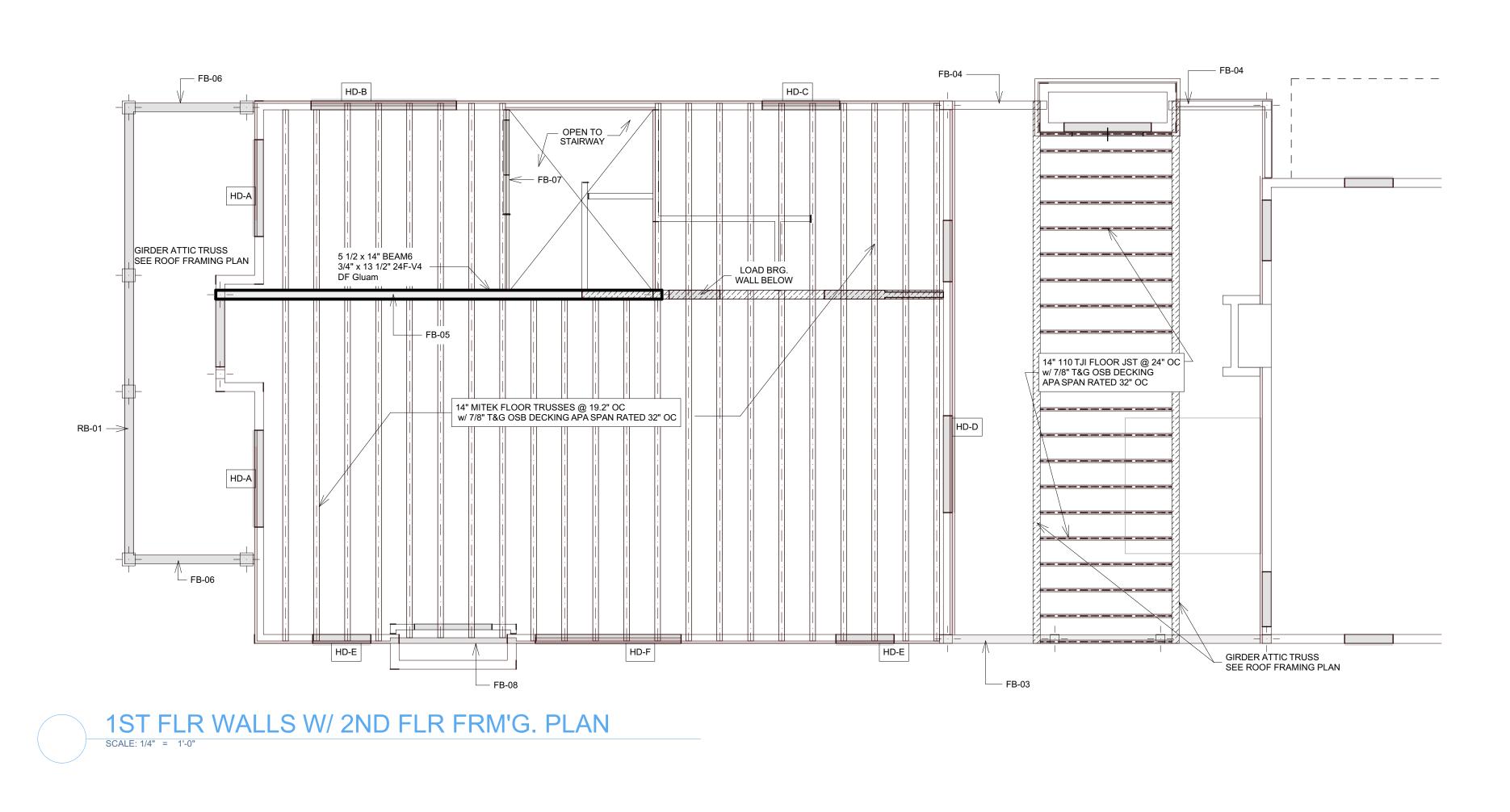
Wood Design Values: Standard grade Douglas Fir, Compression

Building Type: wood framing Roof Pitch: 4/12 gabled roof and 11/12 end pitch Wind Speed: 115mph; exposur B

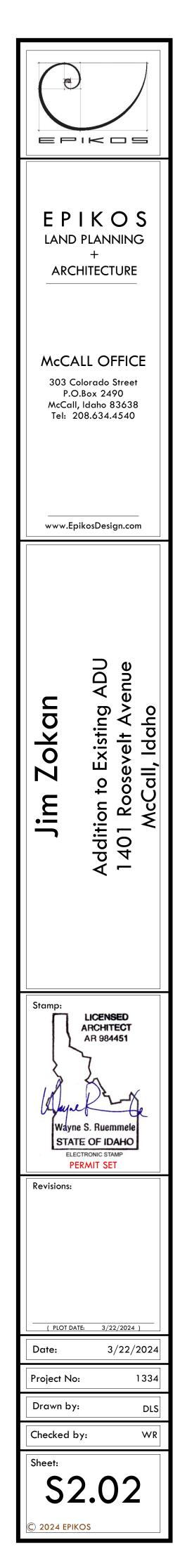
DESIGN INPUTS: Building size 52' x 24' main structure



| | 1 | HEADER SCHEDULE | | | | |
|------|------|---|--------------|--|--|--|
| ID | Span | Description | Trimmers | | | |
| HD-A | 5' | 2 X 8 DF No.2 | (1) Each End | | | |
| HD-B | 7'6" | (2) 2 X 10 DF No.2 | (1) Each End | | | |
| HD-C | 4' | (2) 1 3/4" x 9 1/4" 2.0E Microllam LVL | (2) Each End | | | |
| HD-D | 5' | 2 X 10 DF No.2 | (1) Each End | | | |
| HD-E | 3 | 2 X 8 DF No.2 | (1) Each End | | | |
| HD-F | 7'6" | (2) 1 3/4" x 9 1/4" 2.0E Microllam LVL | (1) Each End | | | |
| HD-G | 2'6" | (2) 2 x 8 DF No.2 | (2) Each End | | | |
| HD-H | 3' | (3) 2 x 8 DF No.2 | (1) Each End | | | |
| HD-I | 4' | (3) 2 x 8 DF No.2 | (1) Each End | | | |
| HD-J | 4'6" | (2) 1 3/4" x 9 1/4" 2.0E Microllam LVL | (2) Each End | | | |
| HD-K | 5' | (2) 2 x 8 DF No.2 | (1) Each End | | | |
| HD-L | 5' | (2) 1 3/4" x 9 1/4" 2.0E Microllam LVL | (2) Each End | | | |



| | | BEAN | SCHEDULE | 1 |
|-------|------------------|---|------------------------|--|
| ID | Span | Description | Minimum Bearing | REMARKS |
| FB-01 | 13' + 13' | 5 1/8" x 9" x 24F-V4 DF Gluam | 3.5" Bearing | Floor support beam has a span of 13' + 13' and a tributary length of 8' |
| FB-02 | 4.5' + 7' + 4.5' | (2) 2 x 10 DF No.2 | 6" Bearing | Floor support beam has a span of 8'+8' and tributary length of 2' |
| FB-03 | 16' | 5 1/8" x 16 1/2" 24F- V4 DF Gluam | 3.5" Bearing | Floor support beam has a span of 16' and a tributary floor length of 9' for this floor load. Roof Tributary length is 15' w/ point loads 4,5' and 11.5' |
| FB-04 | 4.6' | 5 1/8" x 12" 24F-V4 DF Gluam | (2) Trimmers | Floor Support has a span of 4.5' and a tributary roof length of 14' |
| FB-05 | 18.33' | 6 3/4" x 13 1/2" 24F- V4 DF Gluam | 3.5" | Floor support beam has a span of 18.33' and a floor tibutary length of 13' |
| FB-06 | 6'10" | 5 1/8" x 9" 24F-V4 DF Gluam | 6" Bearing | Floor Support beam has a span 6'-10" and a roof tributary length of 12' |
| FB-07 | 7' | 1 3/4" x 16" 2.0E Microllam LVL | 2" Hanger Bearing | Floor Support beam has a span 9.1' and a tributary length of 14' |
| FB-08 | 6'-0" | (2) 1 3/4" x 16" 2.0E Microllam LVL | 6" Bearing | Floor Support beam has a span 6' and a roof tributary length of 6' |
| RB-01 | 24' | 5 1/8" x 9" 24F-V4 DF Gluam | 6" Bearing | Roof Support beam has a span of 24' and a tributary roof length 2' |
| RB-02 | 7' | (3) 1 3/4" x 9 1/4" 2.0E Microllam LVL | HHUS 5.5/10 Hangers | Roof Truss Support |
| RB-03 | 7' | (2) 1 3/4" x 7 1/4" 2.0E Microllam LVL | HHUS46 Hanger | Roof Truss Support |
| RB-04 | 7' | 1 3/4" x 18" 2.0E Microllam LVL | | Roof Ridge Beam |
| RB-05 | 6'6 + 4'6 | 1 3/4" x 7 1/4" 2.0E Microllam LVL | | |



BEAM SCHEDULE

ROOF FRAMING NOTES:

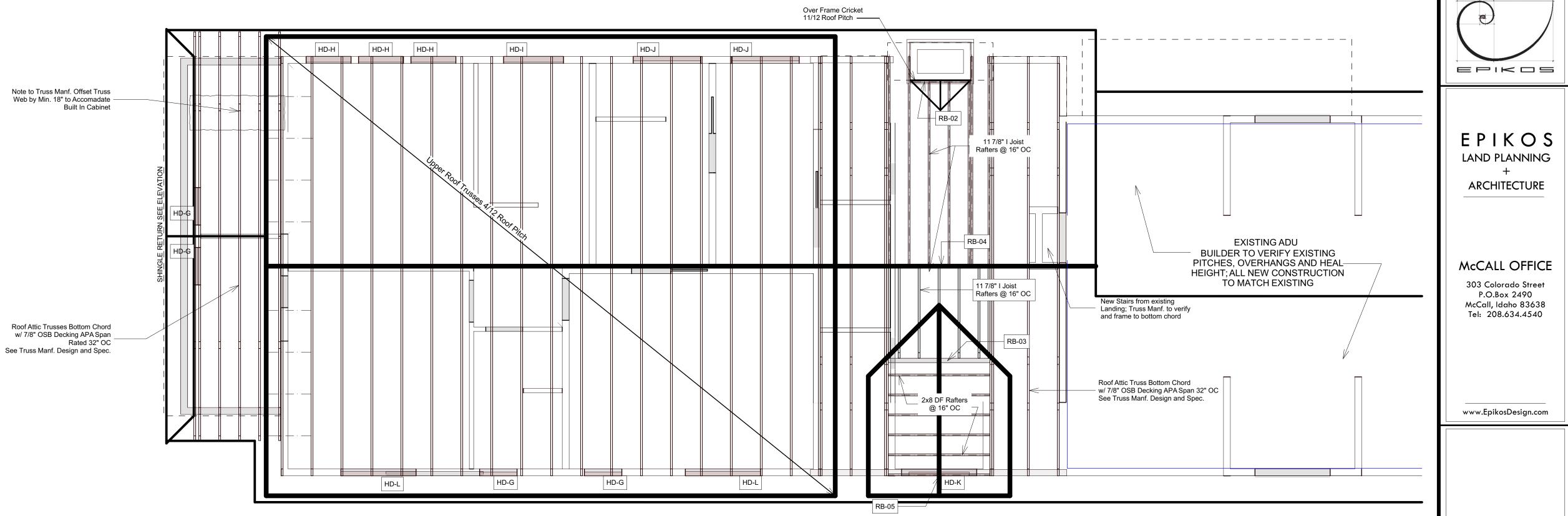
- ROOFING MATERIAL TO BE: ARCHITECTURAL COMPOSITION PER ELEVATIONS. NAILING PER MANUFACTURED INSTRUCTIONS FOR AN 100 MPH MIN. WIND, 115 MPH WINDS AT 3 SECOND GUSTS MIN.
- 2. ROOF PITCH AS SHOWN ON PLAN.
- 3. ROOF DESIGN TO BE ROOF TRUSSES PER PLAN
- 4. TRUSS MEMBERS SHALL NOT BE NOTCHED, BORED, DRILLED THROUGH OR ALTERED UNLESS DESIGNED BY AND SHOWN ON MANUFACTURERS SPECIFICATIONS.
- 5. ALL EAVE OVERHANGS TO BE CLOSED TYPE.
- 6. EAVES SIZES 2'-0" U.N.O. : FACIA TO MATCH EXISTING ADU
- 7. PROVIDE SCREENED AIR VENTS AT EAVES AND CONT. GABLE VENT WITH 1/8" CORROSION RESISTAI SCREENED MESH AND EQUALLY SPACED. A MINIMUM OF ONE (1) SQUARE FOOT OF VENTILATION AREA FOR EACH 150 SQ. FT. OF ATTIC SPACE AREA REQUIRED. PROVIDE 50 PERCENT AT LOW EAVES AND 50 PERCENT AT HIGH EAVES. REFER TO ATTIC VENTILATION CALCULATION TABLE.
- ROOF DIAPHRAM TO BE CONSTRUCTED WITH 5/8" EXPOSURE 1, C-D (APA 40/20 RATED) PLYWOOD OR 5/8" 2-M-W OR 2-M-3 OSB, OR BETTER SHEATHING. LONG DIMENSION SHALL BE PERPENDICULAR AND END JOINTS SHALL BE STAGGERED. FASTEN SHEATHING WITH 10D COMMON NAILS AT 6" O.C. AT GABLE ENDS AND ALL EDGES AND 10D COMMON NAILS AT 12" O.C. AT ALL INTERMEDIATE FRAMING MEMBERS.
- 9. DO NOT NOTCH, BORE OR DRILL THROUGH ANY SUPPORT COLUMNS, GIRDERS, BEAMS, JOIST SUPPORTING BEARING WALLS OR ANY OTHER CONCENTRATED LOAD BEARING MEMBER UNLESS SPECIFICALLY NOTED ON PLANS. CONTACT DESIGNER IF ANY QUESTIONS ARISE.
- 10. PROVIED A SIMPSON 'H-2.5A' HURRICANE CLIP AT EACH TRUSS CONNECTION TO EXTERIOR WALL TOP PLATES.
- 11. ATTICS WITH A CLEAR HEIGHT OF 30 INCHES OR MORE MUST BE PROVIDED WITH AN ACCESS. THE ACCESS OPENING SHALL 22" X 30" MINIMUM. OPENING TO HAVE 30" MINIMUM CLEARANCE. FROM TOP OF OPENING TO BOTTOM OF ROOF ALL AROUND.
- 12. FLASHING SHALL BE INSTALLED AT JUNCTIONS OF CHIMNEYS AND ROOFS, IN ROOF VALLEYS AND AROUND ALL ROOF OPENINGS.

13. ALL WINDOW HDRS TO BE 6 X 10, U.N.O.

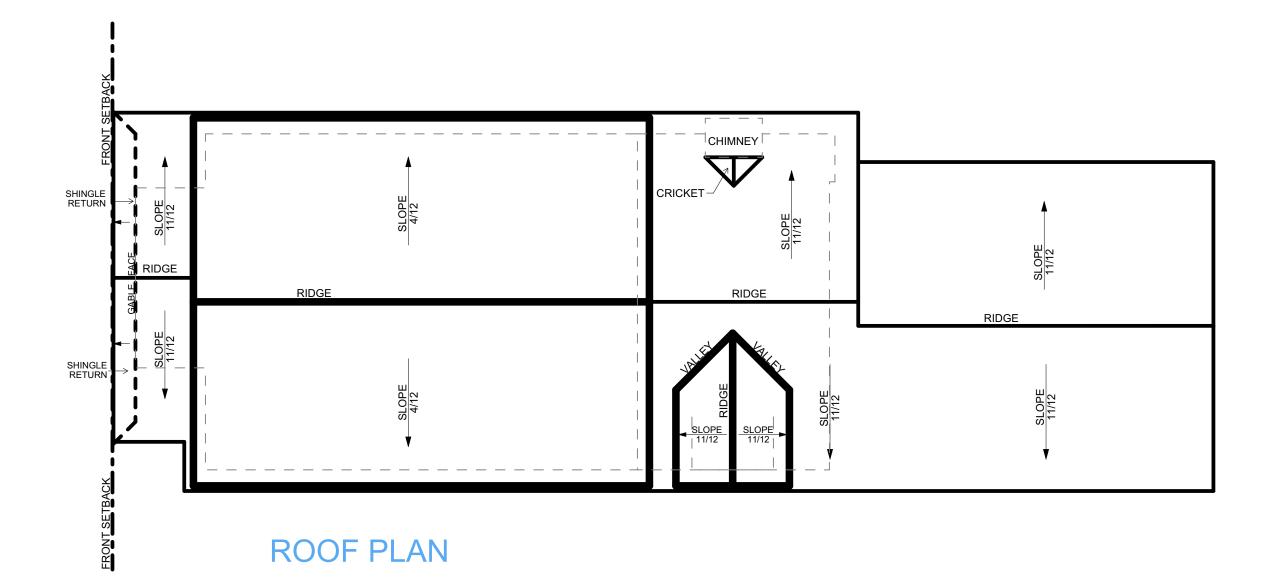
14. SOLID BLOCK TO ALL COLUMNS TO FOUNDATION

ATTIC VENTILATION CALCULATIONS:

| VENTILATION REQUIRED AT A- FRAME AREA: 1560 SQ. FT. X 144 SQ. IN 1/150 = 1497 TOTAL SQ. IN. REQUIRED | | | | | |
|---|--------------|---------------------------|--|--|--|
| LOCATION: | REQ. SQ. IN. | VENT TYPE | | | |
| AT RIDGE AT LOW EAVE | 749 S 749 | CONTINUOUS. CONTINUOUS | | | |
| TOTAL: | 748 | | | | |







BUILDER TO VERIFY EXISTING PITCHES, OVERHANGS AND HEAL HEIGHT; ALL NEW CONSTRUCTION TO MATCH EXISTING

2ND FLR WALLS W/ ROOF FRM'G PLAN

| BEAM SCHEDULE | | | | | | |
|---------------|------------------|---|------------------------|--|--|--|
| ID | Span | Description | Minimum Bearing | REMARKS | | |
| FB-01 | 13' + 13' | 5 1/8" x 9" x 24F-V4 DF Gluam | 3.5" Bearing | Floor support beam has a span of 13' + 13' and a tributary length of 8' | | |
| FB-02 | 4.5' + 7' + 4.5' | (2) 2 x 10 DF No.2 | 6" Bearing | Floor support beam has a span of 8'+8' and tributary length of 2' | | |
| FB-03 | 16' | 5 1/8" x 16 1/2" 24F- V4 DF Gluam | 3.5" Bearing | Floor support beam has a span of 16' and a tributary floor length of 9' for this floor load. Roof Tributary length is 15' w/ point loads 4,5' and 11.5' | | |
| FB-04 | 4.6' | 5 1/8" x 12" 24F-V4 DF Gluam | (2) Trimmers | Floor Support has a span of 4.5' and a tributary roof length of 14' | | |
| FB-05 | 18.33' | 6 3/4" x 13 1/2" 24F- V4 DF Gluam | 3.5" | Floor support beam has a span of 18.33' and a floor tibutary length of 13' | | |
| FB-06 | 6'10" | 5 1/8" x 9" 24F-V4 DF Gluam | 6" Bearing | Floor Support beam has a span 6'-10" and a roof tributary length of 12' | | |
| FB-07 | 7' | 1 3/4" x 16" 2.0E Microllam LVL | 2" Hanger Bearing | Floor Support beam has a span 9.1' and a tributary length of 14' | | |
| FB-08 | 6'-0" | (2) 1 3/4" x 16" 2.0E Microllam LVL | 6" Bearing | Floor Support beam has a span 6' and a roof tributary length of 6' | | |
| RB-01 | 24' | 5 1/8" x 9" 24F-V4 DF Gluam | 6" Bearing | Roof Support beam has a span of 24' and a tributary roof length 2' | | |
| RB-02 | 7' | (3) 1 3/4" x 9 1/4" 2.0E Microllam LVL | HHUS 5.5/10 Hangers | Roof Truss Support | | |
| RB-03 | 7' | (2) 1 3/4" x 7 1/4" 2.0E Microllam LVL | HHUS46 Hanger | Roof Truss Support | | |
| RB-04 | 7' | 1 3/4" x 18" 2.0E Microllam LVL | | Roof Ridge Beam | | |
| RB-05 | 6'6 + 4'6 | 1 3/4" x 7 1/4" 2.0E Microllam LVL | | | | |

BEAM SCHEDULE

| HEADER SCHEDULE | | | |
|-----------------|------|---|--------------|
| ID | Span | Description | Trimmers |
| HD-A | 5' | 2 X 8 DF No.2 | (1) Each End |
| HD-B | 7'6" | (2) 2 X 10 DF No.2 | (1) Each End |
| HD-C | 4' | (2) 1 3/4" x 9 1/4" 2.0E Microllam LVL | (2) Each End |
| HD-D | 5' | 2 X 10 DF No.2 | (1) Each End |
| HD-E | 3 | 2 X 8 DF No.2 | (1) Each End |
| HD-F | 7'6" | (2) 1 3/4" x 9 1/4" 2.0E Microllam LVL | (1) Each End |
| HD-G | 2'6" | (2) 2 x 8 DF No.2 | (2) Each End |
| HD-H | 3' | (3) 2 x 8 DF No.2 | (1) Each End |
| HD-I | 4' | (3) 2 x 8 DF No.2 | (1) Each End |
| HD-J | 4'6" | (2) 1 3/4" x 9 1/4" 2.0E Microllam LVL | (2) Each End |
| HD-K | 5' | (2) 2 x 8 DF No.2 | (1) Each End |
| HD-L | 5' | (2) 1 3/4" x 9 1/4" 2.0E Microllam LVL | (2) Each End |
| | | | |

HEADER SCHEDULE

| EPIKOS LAND PLANNING + ARCHITECTURE | | | |
|---|--|--|--|
| McCALL OFFICE 303 Colorado Street P.O.Box 2490 McCall, Idaho 83638 Tel: 208.634.4540 | | | |
| www.EpikosDesign.com | | | |
| Jim Zokan Jadition to Existing ADU 1401 Roosevelt Avenue McCall, Idaho | | | |
| Stamp: LICENSED ARCHITECT AR 984451 Wayne S. Ruemmele STATE OF IDAHO ELECTRONIC STAMP PERMIT SET | | | |
| Revisions: (PLOT DATE: 3/22/2024) | | | |
| Date: 3/22/2024 Project No: 1334 | | | |
| Drawn by: DLS | | | |
| Checked by: WR | | | |
| Sheet: \$2.03 | | | |

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